

USAFETAC/DS-79/005

AD-A069234

DATA PROCESSING DIVISION
USAF ETAC
Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

FORT HOOD TEXAS/FORT HOOD AAF WBAN #03933
N 31 08 W 097 43 ELEV 933 FT HLR WMO #72257

PARTS A-F
POR FROM HOURLY OBS: NOV 60-JUN 70
POR FROM DAILY OBS: NOV 60-JAN 69

NOV 19 1970

FEDERAL BUILDING
ASHEVILLE, N. C.

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This technical report has been reviewed and is approved for publication.

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FOR THE COMMANDER

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Scientific & Technical
Information Officer

| | |
|------------------------------|---|
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| REPORT DOCUMENTATION PAGE | | READ INSTRUCTIONS BEFORE COMPLETING FORM |
|--|----------------------|---|
| 1 REPORT NUMBER | 2 GOVT ACCESSION NO. | 3 RECIPIENT'S CATALOG NUMBER |
| 4 TITLE (and Subtitle) | | 5 TYPE OF REPORT & PERIOD COVERED |
| Revised Uniform Summary of Surface Weather Observations (RUSSWO)- Fort Hood AAF Killeen, Texas | | Final rept. |
| 6 AUTHOR | | 7 AUTHOR NUMBER |
| 8 CONTRACT OR GRANT NUMBER(s) | | |
| 9 PERFORMING ORGANIZATION NAME AND ADDRESS | | 10 PROGRAM ELEMENT PROJECT TASK AREA & WORK UNIT NUMBERS |
| USAFETAC/OL-A Air Force Environmental Technical Appl. Center Scott AFB IL 62225 | | |
| 11 CONTROLLING OFFICE NAME AND ADDRESS | | 12 DATE |
| USAFETAC/CBD Air Weather Service (MAC) Scott AFB IL 62225 | | 19 Nov 73 |
| 14 MONITORING AGENCY NAME & ADDRESS (if different from Controlling Office) | | 15 SECURITY CLASSIFICATION |
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| 17 DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report) | | |
| 18 SUPPLEMENTARY NOTES | | |
| 19 KEY WORDS (Continue on reverse side if necessary and identify by block number) | | |
| *RUSSWO Daily temperature Atmospheric pressure Snowfall Extreme snow depth Extreme surface winds Climatology Sea-level pressure Psychrometric summary Surface Winds Extreme temperature Ceiling versus visibility Relative humidity *Climatological data (over) | | |
| 20 ABSTRACT (Continue on reverse side if necessary and identify by block number) | | |
| This report is a six-part statistical summary of surface weather observations for Fort Hood AAF, Killeen, Texas It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface winds; (D) Ceiling Versus Visibility; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over) | | |

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UNCLAS FIED

SECURITY CLASSIFICATION OF THIS PAGE(When Data Entered)

19. Percentqge frequency of distribution tables
Dry-bulb temperature versus wet-bulb temperature
Cumulative percentage frequency of distribution tables

* Texas

* Fort Hood AAF TX

20. and dew-point temperatures and relative humidity); and (F) Pressure
Summary (means, standard, deviations, and observation counts of
station pressure and sea-level pressure). Data in this report are
presented in tabular form, in most cases in percentage frequency of
occurrence or cumulative percentage frequency of occurrence tables.

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SECURITY CLASSIFICATION OF THIS PAGE(When Data Entered)

DATA PROCESSING DIVISION
USAFETAC OL-1
AIR WEATHER SERVICE (MAC)

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

DESCRIPTION OF SUMMARIES

Preceding each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather Observations and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U. S. Services and some foreign stations using similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

PART B PRECIPITATION

SNOWFALL

SNOW DEPTH

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC-DRY VS WET BULB

MEAN & STD DEV
(DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

MISSING HOUR GROUPS

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

JANUARY _____

APRIL _____

JULY _____

OCTOBER _____

FEBRUARY _____

MAY _____

AUGUST _____

NOVEMBER _____

MARCH _____

JUNE _____

SEPTEMBER _____

DECEMBER _____

| | | | | | | |
|--------------------------------|---|----------------------|-----------------------|--------------------------|-------------------|----------------------|
| STATION NO ON SUMMARY 03933 | STATION NAME FORT HOOD TEXAS/FORT HOOD AAF | LATITUDE: N 31 08 | LONGITUDE: W 97 43 | STATION ELEV (FT) 933 | CALL SIGN: HLR | WMO NUMBER: 72257 |
|--------------------------------|---|----------------------|-----------------------|--------------------------|-------------------|----------------------|

STATION LOCATION AND INSTRUMENTATION HISTORY

| NUMBER OF LOCATION | GEOGRAPHICAL LOCATION & NAME | TYPE OF STATION | AT THIS LOCATION | | LATITUDE | LONGITUDE | ELEVATION ABOVE MSL | | OBS PER DAY |
|--------------------|-------------------------------|-----------------|------------------|--------|-----------|-----------|---------------------|----------------|-------------|
| | | | FROM | TO | | | STATION (FT) | TYPE BAROMETER | |
| 1 | Ft. Hood AAF, Killeen, Texas | AAF | Nov 60 | Feb 61 | N 31 08 | W 97 43 | 933 | N/A | 17 |
| 2 | No Change | AAF | Mar 61 | Feb 65 | No Change | No Change | NoChange | NoChange | 24 |
| 3 | Ft. Hood AAF, Ft. Hood, Texas | AAF | Mar 65 | Jun 70 | No Change | No Change | NoChange | NoChange | 24 |

| NUMBER OF LOCATION | DATE OF CHANGE | SURFACE WIND EQUIPMENT INFORMATION | | | | REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE |
|--------------------|------------------|---|---------------------|------------------|-----------------|---|
| | | LOCATION | TYPE OF TRANSMITTER | TYPE OF RECORDER | HT ABOVE GROUND | |
| 1 | Nov 60 to Jan 61 | Not Available | N/A | N/A | N/A | |
| 2 | Feb 61 to May 63 | Located on top of Alert Bldg., 200 Ft. from Rnwy on W side | AN/GMQ-11 | RO-2 | 35 Ft | |
| 3 | Jun 63 to Feb 65 | Located 500 Ft. W of Center line of Rnwy and 250 Ft. N of Approach end of Rnwy. | No Chge | No Chge | 13 Ft | |
| 4 | Mar 65 to Jun 70 | Located 1360 Ft. down and 500 Ft. left of Center Line of Rnwy 33 | No Chge | No Chge | 18 Ft | |

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE (MAC)
ASHEVILLE, NORTH CAROLINA

PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

1. By month and annual, all hours and years combined.
2. By month, all years combined, by standard 3-hour groups.

Occurrences of the various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet - Included are snow, sleet, snow pellets (soft hail), snow grains, and ice crystals.

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the total columns.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WEAN sources.)

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

03933 STATION FORT HOOD TEXAS/FORT HOOD AAF 00-70 YEARS ALL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (LST.) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS |
|--------|-----------------|--------------------|---------------------------|-----------------------------------|-------------------------|------|-----------------------------|------|-------------------------|-----------------|------------------------|------------------------------------|------------------------|
| JAN | ALL | .1 | 9.0 | .9 | .8 | | 10.6 | 15.8 | .9 | | .4 | 16.7 | 7221 |
| FEB | | .3 | 9.9 | .1 | .9 | | 10.8 | 12.8 | 1.4 | .1 | .1 | 13.8 | 6572 |
| MAR | | .7 | 8.0 | | .5 | | 8.4 | 9.6 | 1.9 | | .2 | 11.1 | 7343 |
| APR | | 1.6 | 6.8 | | | .0 | 6.8 | 8.4 | 2.6 | | .2 | 10.8 | 7200 |
| MAY | | 1.9 | 6.4 | | | .0 | 6.4 | 8.1 | 1.9 | | .0 | 9.2 | 7440 |
| JUN | | 1.2 | 4.1 | | | | 4.1 | 3.2 | 2.4 | | | 5.0 | 7200 |
| JUL | | .6 | 1.3 | | | | 1.3 | 1.1 | 1.2 | | | 2.1 | 6606 |
| AUG | | 1.2 | 2.3 | | | .0 | 2.3 | 2.0 | .7 | | | 2.5 | 6676 |
| SEP | | 1.2 | 5.3 | | | | 5.3 | 5.0 | 1.9 | | | 6.0 | 6480 |
| OCT | | .6 | 4.3 | | | | 4.3 | 5.4 | .5 | | .0 | 5.6 | 6696 |
| NOV | | .3 | 7.7 | | .2 | | 7.8 | 9.7 | 1.0 | | .1 | 10.2 | 6937 |
| DEC | | .2 | 10.5 | .5 | .1 | | 11.0 | 14.5 | 1.2 | | .1 | 15.3 | 7220 |
| TOTALS | | .8 | 6.3 | .1 | .2 | .0 | 6.6 | 8.0 | 1.5 | .0 | .1 | 9.0 | 83703 |

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

WEATHER CONDITIONS

03933 FORT HOOD TEXAS/FORT HOOD AAF 61-70
STATION STATION NAME YEARS JAN: MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS |
|--------|-------------------|--------------------|---------------------------|-----------------------------------|-------------------------|------|-----------------------------|------|-------------------------|-----------------|------------------------|------------------------------------|------------------------|
| JAN | 00-02 | .2 | 8.2 | .8 | .4 | | .4 | 13.5 | .6 | | .4 | 14.1 | 837 |
| | 03-05 | .2 | 10.9 | .6 | .4 | | 11.8 | 19.7 | .1 | | .2 | 20.0 | 837 |
| | 06-08 | | 11.7 | 1.3 | .8 | | 13.7 | 24.2 | .6 | | .2 | 24.7 | 930 |
| | 09-11 | .3 | 10.9 | .9 | 1.7 | | 13.3 | 23.9 | 1.9 | | .3 | 25.5 | 930 |
| | 12-14 | | 6.4 | 1.0 | 1.3 | | 10.6 | 13.7 | 1.4 | | | 14.6 | 930 |
| | 15-17 | | 7.6 | 1.0 | 1.0 | | 9.5 | 9.1 | .8 | | .3 | 10.1 | 930 |
| | 18-20 | .1 | 6.6 | .9 | .4 | | 7.6 | 10.3 | .8 | | 1.0 | 11.8 | 930 |
| | 21-23 | .2 | 7.7 | .9 | .3 | | 8.9 | 11.9 | .8 | | .7 | 12.9 | 899 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | |
| TOTALS | | .1 | 9.0 | .9 | .8 | | 10.6 | 15.8 | .9 | | .4 | 16.7 | 7223 |

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USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

03933
STATIONFORT HUDD TEXAS/FORT HUDD AAF
STATION NAME61-70
YEARSFEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (LST.) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO OF OBS |
|--------|-----------------|--------------------|---------------------------|-----------------------------------|-------------------------|------|-----------------------------|------|-------------------------|-----------------|------------------------|------------------------------------|-----------------------|
| FEB | 00-02 | .7 | 9.6 | | 1.0 | | 10.5 | 11.5 | 1.2 | | | 12.6 | 762 |
| | 03-05 | .4 | 12.6 | | 1.3 | | 13.9 | 15.1 | 1.8 | .1 | | 16.7 | 762 |
| | 06-08 | .5 | 11.5 | .2 | 1.2 | | 12.6 | 22.2 | 2.1 | .1 | .1 | 23.5 | 846 |
| | 09-11 | .1 | 10.4 | .1 | 1.1 | | 11.3 | 15.7 | 1.8 | .2 | .6 | 17.8 | 846 |
| | 12-14 | .2 | 10.4 | .1 | .6 | | 11.1 | 8.9 | .9 | | .2 | 9.7 | 846 |
| | 15-17 | | 8.4 | .6 | .6 | | 9.5 | 9.8 | .6 | | | 10.4 | 846 |
| | 18-20 | | 7.3 | .1 | .9 | | 8.4 | 9.6 | 1.7 | | .1 | 10.5 | 846 |
| | 21-23 | .5 | 8.8 | | .6 | | 9.4 | 9.3 | .9 | | .1 | 9.5 | 814 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | |
| TOTALS | | .3 | 9.9 | .1 | .9 | | 10.8 | 12.8 | 1.4 | .1 | .1 | 13.8 | 6572 |

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5

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

03933
STATIONFORT HOOD TEXAS/FORT HOOD AAF
STATION NAME51-70
YEARSMAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (LST.) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO OF OBS |
|--------|-----------------|--------------------|---------------------------|-----------------------------------|-------------------------|------|-----------------------------|------|-------------------------|-----------------|------------------------|------------------------------------|-----------------------|
| MAR | 00-02 | .9 | 9.1 | | .2 | | 9.3 | 8.6 | .3 | | .2 | 3.9 | 848 |
| | 03-05 | .6 | 9.3 | | .7 | | 10.0 | 11.3 | .3 | | | 11.4 | 848 |
| | 06-08 | .4 | 9.2 | | .9 | | 10.0 | 17.0 | 3.7 | | .5 | 19.5 | 930 |
| | 09-11 | .3 | 7.6 | | .4 | | 8.1 | 13.5 | 4.0 | | .2 | 16.2 | 930 |
| | 12-14 | .2 | 7.2 | | .5 | | 7.7 | 7.6 | 2.2 | | | 9.2 | 930 |
| | 15-17 | .4 | 7.0 | | .6 | | 7.4 | 5.5 | 1.1 | | .1 | 6.6 | 930 |
| | 18-20 | 1.2 | 7.2 | | .5 | | 7.6 | 6.8 | 1.6 | | .2 | 8.4 | 930 |
| | 21-23 | 1.6 | 7.0 | | | | 7.0 | 6.8 | 1.6 | | .3 | 8.3 | 917 |
| | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | |
| TOTALS | | .7 | 8.0 | | .5 | | 8.4 | 9.6 | 1.9 | | .2 | 11.1 | 7343 |

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5
DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

03933
STATION

FORT HOOD TEXAS/FORT HOOD AAF
STATION NAME

01-70
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (LST) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS |
|--------|----------------|--------------------|---------------------------|-----------------------------------|-------------------------|------|-----------------------------|------|-------------------------|-----------------|------------------------|------------------------------------|------------------------|
| APR | 00-02 | 1.9 | 7.6 | | | .1 | 7.6 | 8.8 | 1.2 | | .3 | 9.8 | 900 |
| | 03-05 | 2.1 | 9.6 | | | | 9.6 | 12.8 | 1.2 | | .6 | 14.1 | 900 |
| | 06-08 | 1.7 | 10.0 | | | | 10.0 | 23.4 | 3.3 | | .2 | 26.0 | 900 |
| | 09-11 | .8 | 7.3 | | | | 7.3 | 6.4 | 4.9 | | .3 | 12.9 | 900 |
| | 12-14 | .3 | 5.9 | | | | 5.9 | 3.7 | 3.7 | | .2 | 7.2 | 900 |
| | 15-17 | 1.2 | 5.3 | | | | 5.3 | 2.2 | 2.7 | | .1 | 4.7 | 900 |
| | 18-20 | 2.1 | 4.8 | | | | 4.8 | 3.4 | 2.3 | | | 5.6 | 900 |
| | 21-23 | 2.6 | 4.1 | | | | 4.1 | 4.1 | 1.4 | | .1 | 5.7 | 900 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | 1.6 | 6.8 | | | .0 | 6.8 | 8.4 | 2.6 | | .2 | 10.8 | 7200 |

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5 DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

03933
STATION

FORT HOOD TEXAS/FORT HOOD AAF
STATION NAME

61-70
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO OF OBS |
|--------|-------------------|--------------------|---------------------------|-----------------------------------|-------------------------|------|----------------------------|------|-------------------------|-----------------|------------------------|------------------------------------|-----------------------|
| MAY | 00-02 | 2.3 | 5.1 | | | .1 | 5.1 | 4.6 | .8 | | | 4.7 | 930 |
| | 03-05 | 1.4 | 7.2 | | | | 7.2 | 9.7 | 1.3 | | | 10.4 | 930 |
| | 06-08 | 1.8 | 9.2 | | | .1 | 9.2 | 28.5 | 6.1 | | | 30.4 | 930 |
| | 09-11 | .6 | 7.1 | | | | 7.1 | 9.1 | 2.5 | | | 11.1 | 930 |
| | 12-14 | 1.8 | 6.2 | | | | 6.2 | 4.2 | .6 | | | 4.6 | 930 |
| | 15-17 | 2.5 | 6.8 | | | | 6.8 | 2.8 | 1.6 | | .1 | 4.4 | 930 |
| | 18-20 | 2.3 | 5.2 | | | | 5.2 | 3.0 | 1.3 | | | 4.3 | 930 |
| | 21-23 | 2.2 | 4.1 | | | | 4.1 | 2.6 | 1.3 | | | 3.7 | 930 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | 1.9 | 6.4 | | | .0 | 6.4 | 8.1 | 1.9 | | .0 | 9.2 | 7440 |

~~ORIGINAL DATA RECORDED IN SYNOPTIC CODE~~

5 DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

03933 STATION FORT HOOD TEXAS/FORT HOOD AAF 61-70 YEARS JUN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (LST) | THUNDER STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO OF OBS |
|--------|----------------|-------------------|---------------------------|-----------------------------------|-------------------------|------|----------------------------|------|-------------------------|-----------------|------------------------|------------------------------------|-----------------------|
| JUN | 00-02 | 1.0 | 3.4 | | | | 3.4 | 2.3 | 1.3 | | | 3.7 | 900 |
| | 03-05 | 1.4 | 4.4 | | | | 4.4 | 6.4 | 3.1 | | | 9.8 | 900 |
| | 06-08 | .4 | 4.4 | | | | 4.4 | 12.1 | 5.9 | | | 14.9 | 900 |
| | 09-11 | .6 | 3.6 | | | | 3.6 | 2.6 | 3.6 | | | 5.3 | 900 |
| | 12-14 | 1.0 | 3.8 | | | | 3.8 | .7 | 1.7 | | | 2.3 | 900 |
| | 15-17 | 1.9 | 4.6 | | | | 4.6 | .1 | 1.0 | | | 1.1 | 900 |
| | 18-20 | 1.7 | 4.3 | | | | 4.3 | .6 | 1.3 | | | 1.9 | 900 |
| | 21-23 | 1.2 | 4.0 | | | | 4.0 | .6 | 1.3 | | | 1.9 | 900 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | 1.2 | 4.1 | | | | 4.1 | 3.2 | 2.4 | | | 5.0 | 7200 |

~~ORIGINAL DATA RECORDED IN SYNOPTIC CODE~~

5
DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

03933
STATION

FORT HOOD TEXAS/FORT HOOD AAF
STATION NAME

61-69
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO OF OBS |
|--------|-------------------|--------------------|---------------------------|-----------------------------------|-------------------------|------|----------------------------|-----|-------------------------|-----------------|------------------------|------------------------------------|-----------------------|
| JUL | 00-02 | .2 | .7 | | | | .7 | .5 | .8 | | | 1.3 | 837 |
| | 03-05 | .1 | .5 | | | | .5 | 1.7 | 1.2 | | | 2.9 | 837 |
| | 06-08 | .4 | 1.4 | | | | 1.4 | 4.7 | 2.9 | | | 6.3 | 837 |
| | 09-11 | .4 | 1.3 | | | | 1.3 | .8 | 1.6 | | | 2.2 | 837 |
| | 12-14 | 1.3 | 2.2 | | | | 2.2 | .2 | .7 | | | 1.0 | 837 |
| | 15-17 | 1.0 | 2.0 | | | | 2.0 | .2 | 1.0 | | | 1.2 | 837 |
| | 18-20 | 1.0 | 1.7 | | | | 1.7 | .4 | .6 | | | 1.0 | 837 |
| | 21-23 | .4 | .6 | | | | .6 | .2 | 1.0 | | | 1.2 | 837 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .6 | 1.3 | | | | 1.3 | 1.1 | 1.2 | | | 2.1 | 6696 |

~~ORIGINAL DATA RECORDED IN SYNOPTIC CODE~~

5 DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

WEATHER CONDITIONS

03933
STATION

FORT HOOD TEXAS/FORT HOOD AAF
STATION NAME

01-69

YEARS

ATC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (LST.) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO OF OBS |
|--------|-----------------|--------------------|---------------------------|-----------------------------------|-------------------------|------|-----------------------------|-----|-------------------------|-----------------|------------------------|------------------------------------|-----------------------|
| AUG | 00-02 | 1.0 | 1.8 | | | | 1.8 | .8 | .4 | | | 1.2 | 837 |
| | 03-05 | .7 | 2.2 | | | | 2.2 | 2.3 | .2 | | | 2.5 | 837 |
| | 06-08 | .6 | 1.9 | | | | 1.9 | 7.8 | 2.5 | | | 9.1 | 837 |
| | 09-11 | .8 | 1.7 | | | | 1.7 | 2.7 | .8 | | | 3.5 | 837 |
| | 12-14 | .4 | 2.2 | | | | 2.2 | .7 | .4 | | | 1.1 | 837 |
| | 15-17 | 1.9 | 3.3 | | | .1 | 3.3 | .4 | .4 | | | .7 | 837 |
| | 18-20 | 2.5 | 3.7 | | | | 3.7 | .4 | .6 | | | 1.0 | 837 |
| | 21-23 | 1.9 | 1.6 | | | | 1.6 | .6 | .4 | | | 1.0 | 837 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | 1.2 | 2.3 | | | .0 | 2.3 | 2.0 | .7 | | | 2.5 | 6696 |

~~ORIGINAL DATA RECORDED IN SYNOPTIC CODE~~

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

03933
STATION

FORT HUDD TEXAS/FORT HUDD AAF
STATION NAME

61-64

YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO OF OBS |
|--------|-------------------|--------------------|---------------------------|-----------------------------------|-------------------------|------|----------------------------|------|-------------------------|-----------------|------------------------|------------------------------------|-----------------------|
| SEP | 00-02 | .9 | 6.9 | | | | 6.9 | 3.7 | .1 | | | 3.7 | 810 |
| | 03-05 | 1.2 | 5.2 | | | | 5.2 | 5.7 | .6 | | | 5.7 | 810 |
| | 06-08 | .9 | 5.1 | | | | 5.1 | 15.9 | 7.7 | | | 19.4 | 810 |
| | 09-11 | .2 | 5.4 | | | | 5.4 | 7.2 | 3.7 | | | 9.4 | 810 |
| | 12-14 | .6 | 5.4 | | | | 5.4 | 2.0 | 1.5 | | | 3.2 | 810 |
| | 15-17 | 2.1 | 5.4 | | | | 5.4 | 1.7 | .2 | | | 2.0 | 810 |
| | 18-20 | 2.1 | 5.3 | | | | 5.3 | 1.7 | 1.1 | | | 2.6 | 810 |
| | 21-23 | 1.7 | 4.0 | | | | 4.0 | 1.7 | .5 | | | 2.1 | 810 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | 1.2 | 5.3 | | | | 5.3 | 5.0 | 1.9 | | | 6.0 | 6480 |

~~ORIGINAL DATA RECORDED IN SYNOPTIC CODE~~

5

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

03933
STATIONFORT HOOD TEXAS/FORT HOOD AAF
STATION NAME61-69
YEARSOCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAID | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS |
|--------|-------------------|--------------------|---------------------------|-----------------------------------|-------------------------|------|----------------------------|------|-------------------------|-----------------|------------------------|------------------------------------|------------------------|
| OCT | 00-02 | .7 | 3.9 | | | | 3.9 | 4.1 | | | | 4.1 | 837 |
| | 03-05 | .5 | 4.9 | | | | 4.9 | 6.3 | .1 | | | 6.3 | 837 |
| | 06-08 | .4 | 4.9 | | | | 4.9 | 15.7 | 1.8 | | | 16.4 | 837 |
| | 09-11 | .5 | 4.9 | | | | 4.9 | 7.5 | 1.2 | | .1 | 8.2 | 837 |
| | 12-14 | .6 | 4.3 | | | | 4.3 | 2.2 | | | | 2.2 | 837 |
| | 15-17 | .8 | 4.2 | | | | 4.2 | 1.5 | | | | 1.8 | 837 |
| | 18-20 | .4 | 3.3 | | | | 3.3 | 2.2 | .4 | | | 2.5 | 837 |
| | 21-23 | 1.1 | 3.7 | | | | 3.7 | 3.0 | .1 | | .1 | 3.2 | 837 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .6 | 4.3 | | | | 4.3 | 5.4 | .5 | | .0 | 5.6 | 6696 |

~~ORIGINAL DATA RECORDED IN SYNOPTIC CODE~~

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

03933
STATION

FORT HOOD TEXAS/FORT HOOD AAF
STATION NAME

60-69
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISIB | TOTAL NO. OF OBS |
|--------|-------------------|--------------------|---------------------------|-----------------------------------|-------------------------|------|----------------------------|------|-------------------------|-----------------|------------------------|-----------------------------------|------------------------|
| NOV | 00-02 | .5 | 5.7 | | | | 5.7 | 6.5 | .2 | | .1 | 6.7 | 810 |
| | 03-05 | .4 | 8.6 | | | | 8.6 | 11.6 | | | | 11.6 | 810 |
| | 06-08 | .2 | 9.5 | | .2 | | 9.5 | 22.3 | 2.0 | | | 22.5 | 897 |
| | 09-11 | | 8.0 | | .2 | | 8.0 | 12.7 | 2.1 | | | 13.5 | 897 |
| | 12-14 | .3 | 9.1 | | .3 | | 9.3 | 6.4 | 1.0 | | | 7.3 | 894 |
| | 15-17 | .3 | 7.3 | | .3 | | 7.5 | 6.3 | .9 | | | 6.9 | 890 |
| | 18-20 | .2 | 7.3 | | .2 | | 7.5 | 6.1 | 1.2 | | .3 | 7.0 | 882 |
| | 21-23 | .5 | 6.4 | | | | 6.4 | 5.3 | .5 | | .2 | 5.7 | 857 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .3 | 7.7 | | .2 | | 7.8 | 9.7 | 1.0 | | .1 | 10.2 | 6937 |

~~ORIGINAL DATA RECORDED IN SYNOPTIC COPY~~

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

03933
STATION

FORT HOOD TEXAS/FORT HOOD AAF
STATION NAME

00-69
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (LST.) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO OF OBS |
|--------|-----------------|--------------------|---------------------------|-----------------------------------|-------------------------|------|-----------------------------|------|-------------------------|-----------------|------------------------|------------------------------------|-----------------------|
| DEC | 00-02 | .1 | 10.6 | .6 | .1 | | 11.4 | 14.7 | 1.3 | | .1 | 16.2 | 835 |
| | 03-05 | .7 | 11.6 | .5 | .2 | | 12.1 | 17.0 | 1.0 | | .1 | 17.6 | 837 |
| | 06-08 | .4 | 12.9 | .4 | .2 | | 13.6 | 22.0 | 1.5 | | .1 | 22.4 | 929 |
| | 09-11 | .1 | 11.3 | .6 | | | 11.8 | 17.6 | 1.7 | | | 18.5 | 930 |
| | 12-14 | | 7.0 | .3 | | | 9.4 | 9.7 | 1.2 | | .1 | 10.4 | 930 |
| | 15-17 | | 9.0 | .4 | | | 9.5 | 10.8 | 1.1 | | .2 | 11.3 | 930 |
| | 18-20 | | 10.0 | .4 | .1 | | 10.4 | 11.5 | .8 | | .1 | 11.7 | 930 |
| | 21-23 | | 9.2 | .7 | .2 | | 10.1 | 12.7 | 1.2 | | .2 | 13.8 | 899 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .2 | 10.5 | .5 | .1 | | 11.0 | 14.5 | 1.2 | | .1 | 15.3 | 7220 |

ORIGINAL DATA RECORDED IN SYNOPTIC CODE

PART A

ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrences of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual columns may not equal the total columns.

This presentation is by month with annual totals, and is prepared with all years combined.

NOTE: A day with rain and/or drizzle was not separately reported in WEAN data prior to January 1949. Therefore percentages in this column are restricted to the period January 1949 and later.

A day with dust and/or sand was punched and included in this summary only when visibility was less than $\frac{5}{8}$ mile.

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

XX WEATHER CONDITIONS
XXXXXXXXXXXXXXXXXXXXXXXXXXXX
ATMOSPHERIC PHENOMENA

03933 STATION FORT HOOD TEXAS/FORT HOOD AAF STATION NAME 01-69 YEARS ALL MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | OR JAND | % OF OBS WITH OBST TO VISION | TOTAL NO OF OBS |
|--------|-------------------|--------------------|---------------------------|-----------------------------------|-------------------------|------|----------------------------|------|-------------------------|-----------------|------------|------------------------------------|-----------------------|
| JAN | DAILY | 1.6 | 35.5 | 5.2 | 2.8 | | 35.9 | 41.9 | 11.3 | .4 | | 42.3 | 248 |
| FEB | | 5.1 | 36.4 | 4.0 | 5.6 | .5 | 37.9 | 36.4 | 9.1 | .5 | | 37.4 | 198 |
| MAR | | 10.3 | 34.6 | | 3.0 | 1.3 | 35.9 | 33.8 | 16.2 | | | 37.2 | 234 |
| APR | | 19.6 | 42.5 | | | 1.7 | 42.5 | 38.8 | 17.5 | | | 43.3 | 240 |
| MAY | | 17.7 | 42.3 | | | 2.8 | 42.3 | 45.2 | 21.0 | | | 48.4 | 248 |
| JUN | | 16.3 | 33.3 | | | .4 | 33.3 | 28.3 | 14.2 | | | 31.7 | 240 |
| JUL | | 8.1 | 15.3 | | | .4 | 15.3 | 10.5 | 6.9 | | | 11.3 | 248 |
| AUG | | 14.5 | 23.0 | | | .8 | 23.0 | 10.9 | 5.6 | | | 12.9 | 248 |
| SEP | | 16.3 | 35.0 | | | | 35.0 | 29.6 | 20.4 | | | 35.0 | 240 |
| OCT | | 5.6 | 21.4 | | .4 | | 21.4 | 27.0 | 7.7 | | | 27.4 | 248 |
| NOV | | 5.4 | 32.9 | | .8 | .4 | 32.9 | 40.4 | 15.0 | | | 40.8 | 240 |
| DEC | | 3.2 | 37.5 | 3.2 | 2.4 | | 37.9 | 39.9 | 13.3 | | | 41.5 | 248 |
| TOTALS | | 10.3 | 32.5 | 1.0 | 1.2 | .7 | 32.8 | 31.9 | 13.2 | .1 | | 34.1 | 2880 |

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE (MAC)
ASHEVILLE, NORTH CAROLINA

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

This portion of the Uniform Summary presents in two sets of tables, the daily amounts and extreme values of the following:

| | |
|---------------|---------------------------------|
| PRECIPITATION | DERIVED FROM DAILY OBSERVATIONS |
| SNOWFALL* | DERIVED FROM DAILY OBSERVATIONS |
| SNOW DEPTH | DERIVED FROM DAILY OBSERVATIONS |

1. The first table for each of the above presents the percentage frequency of various daily amounts, by month and annual, all years combined. The percentage of days with measurable amounts is also computed monthly and annually. Also shown for the precipitation and snowfall tables, are the monthly mean amounts, annual mean amounts (sum of monthly mean amounts), and the extreme monthly amounts (greatest and least). The latter statistics above are not presented for the snow depth summary since they would have limited use and may be misleading.
2. The second set of tables for each of the above presents the extreme daily amounts by individual year and month for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months). The extremes for a month are not printed nor used in computations if one or more observations are missing.

NOTE: Snow depth was recorded and punched at various hours during the period available from U. S. operated stations. The periods and hours used in the snow depth summary vary by service and period as follows:

| | | |
|---|--------------------------------------|------------------------|
| Air Force Stations | From beginning of record thru 1945 | Snow depth at 0800 LST |
| | Jan 46-May 57 | Snow depth at 1230 GCT |
| | Jun 57-present | Snow depth at 1200 GCT |
| U. S. Navy and Weather Bureau Stations | From beginning of record thru Jun 52 | Snow depth at 0030 GCT |
| | Jul 52-May 57 | Snow depth at 1230 GCT |
| | Jun 57-present | Snow depth at 1200 GCT |

* Rail was included in snowfall occurrence in the summary of the day observation prior to Jan 1956,
~~which was not included in the summary of the day observation after Jan 1956.~~

DATA PROCESSING DIVISION
USAF ETAC
AIP WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
PRECIPITATION
(FROM DAILY OBSERVATIONS)

03933 FORT HOOD TEXAS/FORT HOOD AAF 01-67

STATION

STATION NAME

YEARS

| PRECIP | AMOUNTS (INCHES) | | | | | | | | | | | | | PERCENT OF DAYS WITH MEASUR- ABLE AMTS | TOTAL NO OF OBS | MONTHLY AMOUNTS (INCHES) | | |
|----------------|------------------|-------|---------|---------|---------|---------|---------|---------|----------|-----------|-----------|-----------|-----------|---|--------------------------|-----------------------------|--------------|-------|
| | NONE | TRACE | 0" | 02-05 | 06-10 | 11-25 | 26-50 | 51-100 | 101-250 | 251-500 | 501-1000 | 1001-2000 | OVER 2000 | | | MEAN | GREATEST | LEAST |
| SNOWFALL | NONE | TRACE | 0.1-0.4 | 0.5-1.4 | 1.5-2.4 | 2.5-3.4 | 3.5-4.4 | 4.5-6.4 | 6.5-10.4 | 10.5-15.4 | 15.5-25.4 | 25.5-50.4 | OVER 50.4 | | | | | |
| SNOW- DEPTH | NONE | TRACE | 1 | 2 | 3 | 4-6 | 7-12 | 13-24 | 25-36 | 37-48 | 49-60 | 61-120 | OVER 120 | | | | | |
| JAN | 62.9 | 14.5 | 3.4 | 5.2 | 2.8 | 5.2 | 2.8 | .4 | 2.4 | | | | | 22.6 | 248 | 2.12 | 8.61 | .07 |
| FEB | 61.5 | 14.2 | 1.3 | 4.4 | 1.8 | 7.1 | 4.9 | 3.1 | 1.3 | .4 | | | | 24.3 | 226 | 2.36 | 5.30 | .51 |
| MAR | 63.6 | 15.2 | 3.2 | 7.8 | 1.8 | 1.8 | 2.3 | 2.3 | 1.8 | | | | | 21 | 217 | 1.86 | 4.34 | .72 |
| APR | 55.8 | 20.4 | 5.0 | 3.8 | 2.5 | 1.7 | 2.1 | 6.3 | 2.5 | | | | | 23.8 | 240 | 2.76 | 5.27 | .21 |
| MAY | 55.6 | 18.5 | 3.2 | 5.6 | 4.4 | 2.4 | 4.0 | 2.0 | 3.6 | | .4 | | | 25.8 | 248 | 4.11 | 13.90 | .98 |
| JUN | 64.2 | 15.8 | 1.7 | 2.1 | 2.1 | 2.3 | 5.0 | 4.2 | 2.1 | .4 | | | | 20.0 | 240 | 2.84 | 6.32 | .09 |
| JUL | 84.3 | 4.4 | 2.4 | 2.8 | .4 | 2.0 | .8 | .8 | 2.0 | | | | | 11.3 | 240 | 1.32 | 8.33 7.15 | .02 |
| AUG | 73.4 | 12.5 | .8 | 2.0 | 1.2 | 3.2 | 4.0 | 1.2 | 1.6 | | | | | 14.1 | 248 | 1.79 | 4.24 | .45 |
| SEP | 63.8 | 13.3 | 1.3 | 2.1 | 2.5 | 4.2 | 4.6 | 4.2 | 2.9 | 1.3 | | | | 22.4 | 240 | 4.41 | 7.43 | 1.27 |
| OCT | 78.6 | 8.9 | 1.2 | 2.0 | 1.2 | 2.0 | .8 | 2.4 | 2.0 | .8 | | | | 12.5 | 248 | 2.41 | 5.21 | .23 |
| NOV | 66.8 | 13.2 | 1.7 | .8 | 3.3 | 3.3 | 4.6 | 4.2 | 2.1 | .4 | | | | 20.4 | 240 | 2.92 | 4.60 | .10 |
| DEC | 62.1 | 13.3 | 3.6 | 7.3 | 2.8 | 6.3 | 2.0 | 1.2 | 1.2 | | | | | 24.6 | 248 | 1.54 | 3.21 | .14 |
| ANNUAL | 66.0 | 13.7 | 2.4 | 3.8 | 2.2 | 3.5 | 3.2 | 2.7 | 3.1 | .3 | .0 | | | 20.3 | 289 | 30.40 | | |

5

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATION
(FROM DAILY OBSERVATIONS)

03933 FORT HOOD TEXAS/FORT HOOD AAF 61-67

STATION

STATION NAME

YEARS

24 HOUR AMOUNTS IN INCHES

| MONTH YEAR | JAN. | FEB. | MAR. | APR. | MAY | JUN. | JUL. | AUG. | SEP. | OCT. | NOV. | DEC. | ALL MONTHS |
|---------------|------|------|------|------|-------|-------|------|------|-------|-------|------|------|---------------|
| 61 | | 2.52 | | .10 | .80 | 1.02 | 1.28 | .95 | 4.75 | .24 | 1.50 | .25 | |
| 62 | .22 | .78 | 1.07 | 1.71 | 2.50 | 1.47 | .02 | .28 | 1.02 | 2.70 | .69 | .49 | 2.76 |
| 63 | .15 | .67 | .68 | 1.00 | .30 | .75 | .12 | .40 | .81 | 3.07 | .85 | 1.54 | 3.17 |
| 64 | 1.38 | .30 | .82 | .67 | 1.45 | 1.41 | .02 | 1.13 | 4.28 | 1.97 | .38 | 1.07 | 6.28 |
| 65 | 1.96 | 1.20 | 1.53 | .94 | 8.92 | 3.44 | 1.55 | 1.05 | 1.79 | 1.20 | 2.64 | 1.35 | 6.12 |
| 66 | .37 | .98 | .93 | 1.30 | .42 | .54 | .05 | 2.40 | 1.17 | .21 | .14 | .17 | 2.61 |
| 67 | .29 | .44 | .53 | 1.19 | 2.13 | .05 | .04 | 1.64 | 2.10 | 1.04 | 1.70 | .75 | 2.15 |
| 68 | 3.25 | .70 | 2.03 | 1.14 | 1.66 | .62 | 1.53 | 1.00 | 3.47 | .21 | 1.35 | .53 | 3.97 |
| 69 | .16 | | | | | | | | | | | | |
| 70 | | | | | | | | | | | | | |
| 71 | | | | | | | | | | | | | |
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| 00 | | | | | | | | | | | | | |
| MEAN | .85 | .96 | 1.08 | 1.04 | 2.30 | 1.10 | .58 | 1.10 | 2.42 | 1.42 | 1.24 | .71 | 3.85 |
| S.D. | .377 | .690 | .322 | .495 | 2.780 | 1.032 | .731 | .674 | 1.544 | 1.079 | .762 | .558 | 2.339 |
| TOTAL OBS. | 240 | 220 | 217 | 240 | 240 | 240 | 240 | 240 | 240 | 240 | 240 | 240 | 2891 |

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

EXTREME VALUES

EXCERPTS
(FROM DAILY OBSERVATIONS)

| | | |
|---------|-------------------------------|------|
| 03933 | FORT HODD TEXAS/FORT HODD GAS | 01-0 |
| STATION | STATION NAME | |

YEARS

24 HOUR AMOUNTS IN INCHES
/BASED ON LESS THAN FULL MONTHS/

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
"NO FALL"
(FROM DAILY OBSERVATIONS)

03933 FORT HOOD TEXAS/FORT HOOD AAF

01-69

STATION

STATION NAME

YEARS

| PRECIP | AMOUNTS (INCHES) | | | | | | | | | | | | | PERCENT OF DAYS WITH MEASUR- ABLE AMTS | TOTAL NO OF OBS | MONTHLY AMOUNTS (INCHES) | | |
|---------------|------------------|-------|---------|---------|---------|---------|---------|---------|----------|-----------|-----------|-----------|-----------|---|--------------------------|-----------------------------|----------|-------|
| | NONE | TRACE | 0. | 02-05 | 06-10 | 11-25 | 26-50 | 51-100 | 101-250 | 251-500 | 501-1000 | 1001-2000 | OVER 2000 | | | MEAN | GREATEST | LEAST |
| SNOWFALL | NONE | TRACE | 0.1-0.4 | 0.5-1.4 | 1.5-2.4 | 2.5-3.4 | 3.5-4.4 | 4.5-6.4 | 6.5-10.4 | 10.5-15.4 | 15.5-25.4 | 25.5-50.4 | OVER 50.4 | | | | | |
| SNOW DEPTH | NONE | TRACE | 1 | 2 | 3 | 4-6 | 7-12 | 13-24 | 25-36 | 37-48 | 49-60 | 61-120 | OVER 120 | | | | | |
| JAN | 97.2 | 1.4 | .4 | | .5 | | | .5 | | | | | | 1.4 | 217 | 1.0 | 4.8 | .0 |
| FEB | 94.4 | 3.0 | | 1.0 | .5 | | | .5 | .5 | | | | | 2.5 | 198 | 2.3 | 8.2 | .0 |
| MAR | 98.2 | 1.4 | | .5 | | | | | | | | | | .5 | 217 | .2 | 1.2 | .0 |
| APR | 100.0 | | | | | | | | | | | | | | 240 | .0 | .0 | .0 |
| MAY | 100.0 | | | | | | | | | | | | | | 248 | .0 | .0 | .0 |
| JUN | 100.0 | | | | | | | | | | | | | | 240 | .0 | .0 | .0 |
| JUL | 100.0 | | | | | | | | | | | | | | 248 | .0 | .0 | .0 |
| AUG | 100.0 | | | | | | | | | | | | | | 248 | .0 | .0 | .0 |
| SEP | 100.0 | | | | | | | | | | | | | | 240 | .0 | .0 | .0 |
| OCT | 99.6 | .4 | | | | | | | | | | | | | 248 | TRACE | TRACE | .0 |
| NOV | 99.2 | .8 | | | | | | | | | | | | | 240 | TRACE | TRACE | .0 |
| DEC | 97.6 | 2.0 | | | .4 | | | | | | | | | .4 | 248 | .2 | 1.5 | .0 |
| ANNUAL | 98.8 | .7 | .0 | .1 | .1 | | | .1 | .0 | | | | | .4 | 2832 | 3.7 | | |

EXTREME VALUES

| | | |
|---------|-------------------------------|-------|
| 03433 | FORT HODG TEXAS/FORT HODG AAF | 51-60 |
| STATION | STATION NAME | |

YEARS

24 HOUR AMOUNTS IN INCHES

[illegible]

EXTREME VALUES

| | |
|---------|-------------------------------|
| 03933 | FORT HODD TEXAS/FORT HODD AAF |
| STATION | STATION NAME |

11-15

YEARS

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOW DEPTH
(FROM DAILY OBSERVATIONS)

03033 FORT HOOD TEXAS/FORT HOOD AAF 60-69
STATION STATION NAME YEARS

| PRECIP | AMOUNTS (INCHES) | | | | | | | | | | | | | PERCENT OF DAYS WITH MEASUR- ABLE AMTS | TOTAL NO OF OBS | MONTHLY AMOUNTS (INCHES) | | |
|----------------|------------------|-------|--------|---------|---------|---------|---------|---------|----------|-----------|-----------|-----------|-----------|---|--------------------------|-----------------------------|----------|-------|
| | NONE | TRACE | 01 | .02-.05 | 06-10 | .11-.25 | 26-50 | 51-100 | 101-250 | 251-500 | 501-1000 | 1001-2000 | OVER 2000 | | | MEAN | GREATEST | LEAST |
| SNOWFALL | NONE | TRACE | 01-0.4 | 0.5-1.4 | 1.5-2.4 | 2.5-3.4 | 3.5-4.4 | 4.5-6.4 | 6.5-10.4 | 10.5-15.4 | 15.5-25.4 | 25.5-50.4 | OVER 50.4 | | | | | |
| SNOW- DEPTH | NONE | TRACE | 1 | 2 | 3 | 4-6 | 7-12 | 13-24 | 25-36 | 37-48 | 49-60 | 61-120 | OVER 120 | | | | | |
| JAN | 98.2 | | .7 | .4 | .4 | .4 | | | | | | | | 1.8 | 279 | | | |
| FEB | 97.5 | .9 | | .4 | | .9 | | | | | | | | 1.3 | 226 | | | |
| MAR | 99.6 | | .4 | | | | | | | | | | | .4 | 248 | | | |
| APR | 100.0 | | | | | | | | | | | | | | 248 | | | |
| MAY | 100.0 | | | | | | | | | | | | | | 248 | | | |
| JUN | 100.0 | | | | | | | | | | | | | | 240 | | | |
| JUL | 100.0 | | | | | | | | | | | | | | 248 | | | |
| AUG | 100.0 | | | | | | | | | | | | | | 248 | | | |
| SEP | 100.0 | | | | | | | | | | | | | | 240 | | | |
| OCT | 100.0 | | | | | | | | | | | | | | 248 | | | |
| NOV | 100.0 | | | | | | | | | | | | | | 270 | | | |
| DEC | 99.6 | | .4 | | | | | | | | | | | .4 | 270 | | | |
| ANNUAL | 99.6 | .1 | .1 | .1 | .0 | .1 | | | | | | | | .3 | 3014 | | | |

EXTREME VALUES

03933 FORT HOOD TEXAS/FORT HOOD AAF 00-67

WALLY SHAW DEPT. OF PRICES

USAF ETAC FORM 0-88.5 (OLI)

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE (MAC)
ASHEVILLE, NORTH CAROLINA

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through 1963, and in tens of degrees starting in January 1964. When 90% or more of the daily observations of peak gust wind data are available for a month, the extreme is selected and printed. These values are then used to compute means and standard deviations for the entire period. Every month of a year must have valid observations present before the ALL MONTHS value is selected for that year. Means and standard deviations are computed when four or more values are present for any column. A supplementary list of Peak Gusts by year-month with < 90% observations reported is also provided.

NOTE: According to Circular N specifications, "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both direction and speed, and in addition the mean wind speed for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VARBL.

- a. Three tables are prepared for all surface winds included, and for all years combined as follows:

- (1) Annual - all hours combined
- (2) By month - all hours combined
- (3) By month - by standard 3-hour groups

- b. A separate annual table is also presented for surface winds meeting the following ceiling and visibility conditions: INSTRUMENT CLASS: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

5 JAN 20 1955
(FROM DAILY OBSERVATIONS)

| | |
|---------|-------------------------------|
| 03935 | FORT HODD TEXAS/FORT HODD AAF |
| STATION | STATION NAME |

61-65

YEARS

DAILY PEAK GUESTS IN HUNTS

[illegible]

DATA PROCESSING DIVISION
USAF ETAL
AIR WEATHER SERVICE/MAC

SURFACE 1405
(FROM DAILY OBSERVATIONS)

| | | |
|---------|-------------------------------|-------|
| 02733 | FORT HODD TRASS/FORT HODD AAF | (1-6) |
| STATION | STATION NAME | |

DAILY PEAK GUSTS IN KNOTS
BASED ON LESS THAN 90% OBSERVATIONS FOR NOV-TH/

[illegible]

5

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 03023 FORT HOOD TEXAS/FORT HOOD AAF STATION NAME 60-70 YEARS MONTH ALL
CLASS ALL WEATHER HOURS (LST) ALL
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .9 | 2.0 | 2.6 | 2.0 | .4 | .1 | .0 | | | | | 9.0 | 9.6 |
| NNE | .6 | 1.2 | 1.2 | .7 | .1 | .0 | .0 | | | | | 3.8 | 7.7 |
| NE | .5 | .9 | .7 | .3 | .0 | .0 | .0 | | | | | 2.5 | 6.9 |
| ENE | .5 | .7 | .6 | .2 | .0 | .0 | | | | | | 2.1 | 5.1 |
| E | 1.1 | 1.4 | .9 | .2 | .0 | .0 | | | | | | 3.6 | 5.6 |
| ESE | 1.0 | 1.4 | 1.1 | .4 | .1 | .0 | | | | | | 3.9 | 6.3 |
| SE | 1.3 | 2.6 | 2.6 | 1.2 | .2 | .0 | | | | | | 7.7 | 7.2 |
| SSE | 1.6 | 3.6 | 4.8 | 3.0 | .3 | .0 | .0 | .0 | | | | 13.3 | 8.1 |
| S | 2.2 | 5.1 | 7.2 | 4.6 | .6 | .1 | | | | | | 19.7 | 8.4 |
| SSW | .7 | 1.5 | 1.9 | 1.1 | .1 | .0 | .0 | | | | | 5.3 | 8.0 |
| SW | .5 | .8 | .9 | .4 | .0 | .0 | | | | | | 2.7 | 7.1 |
| WSW | .4 | .6 | .5 | .2 | .0 | .0 | | | | | | 1.6 | 6.3 |
| W | .6 | .8 | .6 | .3 | .0 | .0 | .0 | | | | | 2.5 | 6.6 |
| WNW | .6 | .7 | .6 | .4 | .1 | .0 | .0 | | | | | 2.4 | 7.1 |
| NW | .8 | 1.1 | 1.0 | .8 | .2 | .0 | | | | | | 3.8 | 7.8 |
| NNW | .7 | 1.3 | 1.6 | 1.3 | .4 | .1 | .0 | | | | | 5.3 | 9.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 11.6 | |
| | 14.0 | 25.7 | 28.5 | 17.2 | 2.6 | .4 | .0 | .0 | | | | 100.0 | 6.9 |

TOTAL NUMBER OF OBSERVATIONS 83699

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03933 STATION FORT HOOD TEXAS/FORT HOOD AAF STATION NAME 61-70 YEARS
ALL WEATHER CLASS
CONDITION
1961 MONTH
ALL HOURS (LST)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.1 | 3.0 | 4.0 | 3.4 | 1.2 | .3 | | | | | | 13.3 | 9.7 |
| NNE | .7 | 1.3 | 1.2 | .5 | .1 | .0 | | | | | | 3.8 | 7.0 |
| NE | .6 | .8 | .4 | .1 | .0 | | | | | | | 1.9 | 5.9 |
| ENE | .3 | .6 | .2 | .1 | .0 | .0 | | | | | | 1.5 | 6.0 |
| E | .8 | 1.1 | .6 | .3 | .1 | .0 | | | | | | 2.9 | 5.9 |
| ESE | .7 | 1.0 | .7 | .3 | | | | | | | | 2.7 | 5.9 |
| SE | 1.1 | 2.4 | 1.8 | .6 | .1 | | | | | | | 6.0 | 6.5 |
| SSE | 1.4 | 3.0 | 1.7 | 1.6 | .2 | | | | | | | 9.9 | 7.5 |
| S | 1.4 | 3.6 | 5.9 | 3.4 | .2 | .0 | | | | | | 14.5 | 8.3 |
| SSW | .7 | 1.2 | 1.5 | 1.0 | .1 | | | | | | | 4.5 | 7.7 |
| SW | .3 | .8 | .7 | .3 | .0 | | | | | | | 2.2 | 7.2 |
| WSW | .3 | .7 | .5 | .2 | .0 | | | | | | | 1.8 | 5.4 |
| W | .7 | 1.1 | 1.0 | .9 | .1 | | | | | | | 3.7 | 7.7 |
| WNW | .7 | 1.1 | 1.0 | .9 | .3 | .1 | .0 | | | | | 4.0 | 8.6 |
| NW | 1.0 | 1.3 | 2.0 | 1.9 | .4 | .0 | | | | | | 6.6 | 8.9 |
| NNW | .9 | 1.8 | 2.6 | 2.8 | 1.1 | .2 | | | | | | 9.3 | 10.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 11.5 | |
| | 12.9 | 24.8 | 27.8 | 18.3 | 3.9 | .7 | .0 | | | | | 100.0 | 7.2 |

TOTAL NUMBER OF OBSERVATIONS 7222

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03913
STATION

FORT HODD TEXAS/FORT HODD AAF
STATION NAME

61-70
YEARS

118
MONTH

ALL WEATHER
CLASS

ALL
HOURS (LST)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 53 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .0 | 2.1 | 3.8 | 2.8 | .7 | .2 | .0 | | | | | 10.5 | 7.7 |
| NNE | .4 | 1.4 | 1.6 | 1.0 | .2 | .1 | .0 | | | | | 4.7 | 8.6 |
| NE | .5 | 1.0 | .9 | .4 | .2 | .0 | | | | | | 3.0 | 8.0 |
| ENE | .4 | .7 | .6 | .1 | .0 | .0 | | | | | | 1.9 | 6.4 |
| E | .4 | 1.6 | 1.1 | .2 | .0 | .0 | | | | | | 3.8 | 6.1 |
| ESE | .0 | 1.4 | 1.0 | .6 | .1 | .0 | | | | | | 3.8 | 7.2 |
| SE | .4 | 2.4 | 2.4 | 1.1 | .1 | | | | | | | 6.9 | 7.3 |
| SSE | 1.2 | 2.4 | 3.3 | 1.7 | .2 | .0 | | | | | | 8.9 | 7.9 |
| S | 1.2 | 3.3 | 4.3 | 2.6 | .2 | .0 | | | | | | 11.6 | 8.2 |
| SSW | .5 | 1.3 | 1.2 | .9 | .1 | .0 | | | | | | 4.0 | 8.0 |
| SW | .4 | .6 | .7 | .4 | .1 | | | | | | | 2.3 | 7.4 |
| WSW | .1 | .7 | .6 | .3 | .1 | | | | | | | 2.0 | 7.9 |
| W | .6 | 1.0 | 1.2 | .7 | .1 | .0 | | | | | | 3.8 | 8.1 |
| WNW | .0 | 1.5 | 1.4 | 1.1 | .1 | .0 | | | | | | 4.6 | 7.1 |
| NW | .5 | 1.7 | 2.1 | 2.2 | .4 | | | | | | | 7.4 | 9.0 |
| NNW | .5 | 1.8 | 3.2 | 3.3 | 1.0 | .2 | | | | | | 17.0 | 17.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 10.7 | |
| | 10.7 | 24.9 | 29.6 | 19.7 | 3.7 | .7 | .0 | | | | | 100.0 | 7.5 |

TOTAL NUMBER OF OBSERVATIONS 6572

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03933 STATION FORT HOOD TEXAS/FORT HOOD AAF 61-70 YEARS MONTH ALL CLASS ALL HOURS (L S T.)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------|
| N | .9 | 1.9 | 3.4 | 3.1 | .6 | .1 | | | | | | 10.0 | 7.6 |
| NNE | .5 | 1.2 | 1.2 | 1.3 | .1 | .0 | | | | | | 4.3 | 8.5 |
| NE | .6 | .6 | .5 | .4 | .0 | .0 | | | | | | 2.2 | 6.8 |
| ENE | .5 | .4 | .4 | .3 | | | | | | | | 1.6 | 5.6 |
| E | .9 | 1.1 | 1.0 | .2 | .0 | | | | | | | 3.1 | 5.8 |
| ESE | .7 | 1.5 | 1.0 | .6 | .1 | | | | | | | 3.8 | 6.8 |
| SE | 1.1 | 2.5 | 2.7 | 1.8 | .2 | | | | | | | 8.4 | 7.8 |
| SSE | 1.1 | 3.0 | 5.4 | 4.0 | .7 | .0 | | | | | | 14.2 | 9.2 |
| S | 1.1 | 3.2 | 5.4 | 4.5 | .9 | .3 | | | | | | 15.4 | 9.7 |
| SSW | .4 | .7 | 1.1 | 1.4 | .4 | .1 | | | | | | 4.0 | 10.5 |
| SW | .2 | .4 | .6 | .4 | .0 | .0 | | | | | | 1.6 | 8.5 |
| WSW | .2 | .5 | .6 | .2 | .0 | | | | | | | 1.6 | 7.2 |
| W | .5 | 1.0 | 1.0 | .6 | .2 | .1 | .6 | | | | | 3.4 | 8.5 |
| WNW | .6 | 1.0 | 1.2 | .9 | .3 | .0 | | | | | | 4.0 | 8.6 |
| NW | .7 | 1.3 | 1.7 | 1.5 | .5 | .1 | | | | | | 5.9 | 9.3 |
| NNW | .5 | 1.3 | 2.0 | 2.4 | .8 | .2 | .0 | | | | | 7.3 | 10.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 9.2 | |
| | 10.4 | 21.8 | 29.2 | 23.5 | 4.9 | .9 | .1 | | | | | 100.0 | 8.1 |

TOTAL NUMBER OF OBSERVATIONS 7343

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03033 STATION FORT HOOD TEXAS/FORT HOOD AAF CLASS ALL WEATHER YEARS 61-70 MONTH APR HOURS (LST) 111

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------|
| N | .5 | 1.8 | 2.3 | 2.1 | .3 | .0 | | | | | | 7.1 | 3.1 |
| NNE | .4 | .8 | 1.5 | .9 | .2 | | | | | | | 3.8 | 3.7 |
| NE | .3 | .6 | .9 | .5 | .0 | | | | | | | 2.2 | 7.7 |
| ENE | .4 | .7 | 1.0 | .4 | .0 | | | | | | | 2.5 | 7.6 |
| E | .8 | 1.3 | 1.1 | .3 | | | | | | | | 3.5 | 6.0 |
| ESE | .7 | 1.1 | 1.7 | .7 | .0 | .0 | | | | | | 4.3 | 7.3 |
| SE | 1.0 | 2.1 | 2.2 | 2.3 | .4 | .0 | | | | | | 8.1 | 8.7 |
| SSE | 1.2 | 3.1 | 6.1 | 6.1 | .7 | .0 | | | | | | 17.3 | 9.5 |
| S | 1.3 | 3.6 | 8.7 | 7.6 | 1.4 | .3 | | | | | | 22.8 | 10.0 |
| SSW | .5 | 1.0 | 1.4 | 1.3 | .3 | .2 | | | | | | 4.7 | 10.0 |
| SW | .2 | .6 | .7 | .4 | .1 | .0 | | | | | | 2.1 | 8.6 |
| WSW | .4 | .4 | .3 | .1 | | | | | | | | 1.3 | 5.8 |
| W | .6 | .7 | .5 | .2 | .1 | .0 | | | | | | 2.1 | 6.5 |
| WNW | .7 | .7 | .4 | .4 | .2 | .0 | .0 | | | | | 2.5 | 7.7 |
| NW | .6 | 1.0 | .7 | .6 | .1 | .0 | | | | | | 3.1 | 7.5 |
| NNW | .5 | 1.0 | 1.1 | 1.1 | .2 | | | | | | | 3.9 | 8.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 8.7 | |
| | 10.1 | 20.6 | 36.8 | 25.1 | 4.0 | .7 | .0 | | | | | 100.0 | 8.1 |

TOTAL NUMBER OF OBSERVATIONS 7200

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03933 FORT HOOD TEXAS/FORT HOOD AAF 61-70
STATION NAME YEARS
ALL WEATHER CLASS
ALL HOURS (LST) MONTH

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .6 | 1.5 | 2.0 | 1.4 | .1 | .0 | | | | | | 5.7 | 8.2 |
| NNE | .3 | 1.2 | 1.0 | .7 | .0 | | | | | | | 3.3 | 7.1 |
| N'E | .4 | .9 | 1.0 | .3 | .0 | .0 | | | | | | 2.5 | 7.0 |
| ENE | .6 | .9 | .6 | .1 | .0 | | | | | | | 2.2 | 5.7 |
| E | 1.3 | 1.9 | 1.3 | .5 | .1 | | | | | | | 5.0 | 6.0 |
| ESE | 1.0 | 1.8 | 2.2 | 1.0 | .2 | .0 | | | | | | 6.2 | 7.7 |
| SE | 1.3 | 2.7 | 3.7 | 2.3 | .6 | .0 | | | | | | 10.7 | 9.6 |
| SSE | 1.1 | 3.5 | 7.3 | 6.2 | .8 | .1 | | | | | | 19.1 | 9.6 |
| S | 1.2 | 4.3 | 8.1 | 8.0 | 1.7 | .2 | | | | | | 23.4 | 10.1 |
| SSW | .4 | .8 | 1.6 | 1.1 | .2 | .1 | .0 | | | | | 4.1 | 9.3 |
| SW | .2 | .4 | .7 | .1 | .0 | | | | | | | 1.4 | 7.5 |
| WSW | .2 | .3 | .1 | .0 | | | | | | | | .6 | 4.8 |
| W | .2 | .3 | .1 | .0 | .0 | | | | | | | .7 | 5.1 |
| WNW | .3 | .2 | .1 | .1 | .0 | | | | | | | .7 | 5.3 |
| NW | .3 | .4 | .4 | .1 | .0 | .0 | | | | | | 1.5 | 6.2 |
| NNW | .2 | .8 | 1.1 | .7 | .0 | | | | | | | 2.9 | 8.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 10.1 | |
| | 10.1 | 21.7 | 31.1 | 22.7 | 3.9 | .4 | .0 | | | | | 100.0 | 7.8 |

TOTAL NUMBER OF OBSERVATIONS 7440

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03933 STATION FORT HOOD TEXAS/FORT HOOD AAF STATION NAME 61-70 YEARS
ALL WEATHER CLASS
CONDITION
JUN MONTH
ALL HOURS (LST)

| SPEED (KNTS) DIR. | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | ≥56 | % | MEAN WIND SPEED |
|-------------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-----|-------|-----------------|
| N | .4 | 1.1 | 1.0 | .4 | .0 | | | | | | | 3.0 | 7.1 |
| NNE | .4 | .9 | .8 | .3 | .0 | .0 | | | | | | 2.3 | 4.9 |
| NE | .2 | .9 | .8 | .3 | .0 | .0 | | | | | | 2.5 | 6.6 |
| ENE | .6 | .6 | .7 | .3 | | | | | | | | 2.1 | 6.4 |
| E | 1.0 | 1.6 | 1.5 | .2 | | | | | | | | 4.3 | 5.7 |
| ESE | 1.5 | 1.5 | 1.4 | .5 | .0 | | | | | | | 5.0 | 6.2 |
| SE | 1.7 | 2.5 | 2.7 | 1.5 | .2 | .0 | | | | | | 8.7 | 7.3 |
| SSF | 1.9 | 4.4 | 7.2 | 5.3 | .4 | .0 | .0 | .0 | | | | 19.3 | 8.6 |
| S | 2.4 | 2.7 | 11.9 | 9.4 | .8 | .0 | | | | | | 30.3 | 9.1 |
| SSW | .6 | 1.5 | 2.4 | 1.7 | .1 | .0 | | | | | | 6.4 | 8.5 |
| SW | .5 | .7 | .7 | .2 | .0 | | | | | | | 2.2 | 6.5 |
| WSW | .4 | .2 | .1 | .0 | | | | | | | | .8 | 4.7 |
| W | .4 | .3 | .1 | .0 | .0 | | | | | | | .9 | 4.9 |
| WNW | .2 | .2 | .1 | .1 | | | | | | | | .6 | 5.7 |
| NW | .3 | .4 | .3 | .1 | | | | | | | | 1.3 | 6.3 |
| NNW | .2 | .5 | .4 | .1 | | | | | | | | 1.3 | 6.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 9.0 | |
| | 12.9 | 23.1 | 32.4 | 20.7 | 1.6 | .1 | .0 | .0 | | | | 100.0 | 7.3 |

TOTAL NUMBER OF OBSERVATIONS 7200

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03033 STATION FORT HOOD TEXAS/FORT HOOD AAF 61-62 YEARS JUL MONTH
ALL WEATHER CLASS ALL HOURS (LST)
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------|
| N | .4 | .3 | .3 | .1 | .0 | | | | | | | 1.2 | 5.7 |
| NNE | .4 | .3 | .4 | .2 | .0 | | | | | | | 1.2 | 6.5 |
| NE | .4 | .5 | .4 | .2 | | | | | | | | 1.5 | 6.5 |
| ENE | .4 | .5 | .5 | .1 | | | | | | | | 1.5 | 5.9 |
| E | .8 | 1.0 | .9 | .1 | .0 | | | | | | | 2.8 | 4.7 |
| ESE | .9 | 1.2 | 1.1 | .3 | | | | | | | | 3.4 | 5.9 |
| SE | 1.5 | 3.3 | 2.6 | .8 | .1 | .0 | | | | | | 8.6 | 6.8 |
| SSE | 2.3 | 6.1 | 6.2 | 2.5 | .0 | | | | | | | 17.2 | 7.1 |
| S | 4.2 | 10.8 | 12.5 | 4.8 | .3 | | | | | | | 32.6 | 7.3 |
| SSW | 1.6 | 3.5 | 4.1 | 2.0 | .0 | | | | | | | 11.3 | 7.4 |
| SW | .9 | 1.6 | 2.1 | .8 | | | | | | | | 5.4 | 7.0 |
| WSW | .5 | 1.1 | .9 | .2 | | | | | | | | 2.7 | 6.3 |
| W | .4 | .5 | .3 | .0 | | | | | | | | 1.2 | 5.1 |
| WNW | .2 | .2 | .1 | .0 | | | | | | | | .5 | 4.5 |
| NW | .1 | .1 | .0 | .0 | | | | | | | | .3 | 4.5 |
| NNW | .3 | .2 | .1 | .0 | | | | | | | | .6 | 4.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 8.0 | |
| | 15.1 | 31.3 | 32.5 | 12.5 | .6 | .0 | | | | | | 100.0 | 6.4 |

TOTAL NUMBER OF OBSERVATIONS 6696

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03933 STATION FORT HOOD TEXAS/FORT HOOD AAF 61-67 YEARS
ALL WEATHER CLASS
CONDITION
MONTH ALL
HOURS (LST)

| SPEED- (KNTS) DIR. | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | ≥56 | % | MEAN WIND SPEED |
|--------------------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-----|-------|-----------------------|
| N | .0 | .9 | .6 | .3 | .0 | | .0 | | | | | 2.4 | 4.4 |
| NNE | .4 | .6 | .5 | .3 | | | | | | | | 1.9 | 5.7 |
| NE | .3 | .9 | .9 | .4 | .0 | | | | | | | 2.6 | 6.6 |
| ENE | .7 | 1.0 | .7 | .4 | | | | | | | | 2.9 | 6.2 |
| E | 1.3 | 2.0 | 1.3 | .4 | .0 | .0 | | | | | | 5.1 | 5.7 |
| ESE | 1.4 | 2.0 | 1.6 | .3 | .0 | | | | | | | 5.4 | 5.7 |
| SE | 1.4 | 3.2 | 2.6 | .5 | .0 | | | | | | | 7.9 | 6.2 |
| SSE | 2.6 | 4.7 | 4.0 | .4 | .0 | | | | | | | 12.3 | 6.1 |
| S | 4.3 | 9.2 | 9.9 | 2.6 | .1 | | | | | | | 26.0 | 6.7 |
| SSW | 1.4 | 3.1 | 3.4 | .8 | | | | | | | | 8.8 | 6.6 |
| SW | 1.0 | 2.1 | 1.8 | .5 | | | | | | | | 5.4 | 6.4 |
| WSW | .4 | 1.2 | .9 | .3 | | | | | | | | 2.7 | 6.4 |
| W | .6 | 1.2 | .7 | .1 | | | | | | | | 2.5 | 5.5 |
| WNW | .7 | .4 | .2 | .1 | | | | | | | | 1.0 | 5.8 |
| NW | .4 | .4 | .2 | .1 | | | | | | | | 1.1 | 5.7 |
| NNW | .3 | .5 | .2 | .0 | | | | | | | | 1.1 | 5.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 10.9 | |
| | 17.4 | 33.4 | 29.5 | 8.0 | .3 | .0 | .0 | | | | | 100.0 | 5.6 |

TOTAL NUMBER OF OBSERVATIONS 6696

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 03033 STATION NAME FORT HOOD TEXAS/FORT HOOD AAF YEARS 61-69 MONTH ALL
CLASS ALL WEATHER HOURS (LST) ALL
CONDITION _____

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------|
| N | 1.7 | 3.0 | 2.2 | 1.1 | .3 | .1 | | | | | | 8.3 | 7.0 |
| NNE | 1.4 | 2.3 | 1.6 | 1.0 | .2 | .2 | .1 | | | | | 6.6 | 7.7 |
| NE | 1.0 | 1.6 | 1.4 | .6 | .1 | .0 | .0 | | | | | 4.7 | 7.0 |
| ENE | 1.4 | 1.9 | 1.3 | .3 | .0 | | | | | | | 4.9 | 5.8 |
| E | 2.3 | 2.4 | 1.5 | .3 | | | | | | | | 6.5 | 5.1 |
| ESE | 1.4 | 2.0 | 1.1 | .2 | .0 | | | | | | | 4.7 | 5.2 |
| SE | 2.0 | 3.1 | 2.3 | 1.0 | .2 | .0 | | | | | | 8.5 | 6.5 |
| SSE | 1.8 | 3.4 | 3.9 | 2.1 | .3 | | | | | | | 11.4 | 7.5 |
| S | 2.5 | 4.6 | 4.8 | 2.0 | .1 | | | | | | | 14.1 | 7.0 |
| SSW | .8 | 1.5 | 1.5 | .3 | | | | | | | | 4.1 | 6.3 |
| SW | .5 | .7 | .8 | .1 | .0 | | | | | | | 2.2 | 6.2 |
| WSW | .3 | .4 | .4 | .0 | .1 | | | | | | | 1.2 | 6.4 |
| W | .5 | .5 | .2 | .0 | .0 | | | | | | | 1.3 | 4.6 |
| WNW | .7 | .4 | .1 | .0 | .0 | | | | | | | 1.3 | 4.3 |
| NW | .8 | .0 | .3 | .2 | .0 | | | | | | | 2.0 | 5.7 |
| NNW | 1.0 | 1.4 | .9 | .5 | .0 | | | | | | | 3.9 | 6.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 14.4 | |
| | 19.8 | 29.8 | 24.4 | 9.8 | 1.4 | .3 | .1 | | | | | 100.0 | 5.6 |

TOTAL NUMBER OF OBSERVATIONS 6479

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03033 STATION FORT HOOD TEXAS/FORT HOOD AAF STATION NAME 01-02 YEARS CT MONTH ALL HOURS (LST) ALL WEATHER CLASS CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------|
| N | 1.1 | 2.5 | 3.4 | 2.9 | .5 | .0 | | | | | | 10.4 | 8.7 |
| NNE | 1.0 | 1.6 | 1.4 | .8 | .1 | | | | | | | 4.9 | 7.0 |
| NE | .7 | 1.0 | .3 | .4 | | .3 | | | | | | 2.9 | 6.4 |
| ENE | .4 | .6 | .5 | .1 | .0 | | | | | | | 1.7 | 6.4 |
| E | 1.0 | 1.1 | .5 | .1 | .0 | .0 | | | | | | 2.8 | 5.0 |
| ESE | .9 | 1.4 | .6 | .3 | .1 | | | | | | | 3.4 | 6.0 |
| SE | 1.3 | 2.3 | 2.0 | 1.5 | .1 | | | | | | | 7.4 | 7.3 |
| SSE | 1.6 | 3.6 | 4.2 | 2.1 | .0 | | | | | | | 11.5 | 7.4 |
| S | 2.0 | 4.6 | 5.9 | 3.7 | .6 | .0 | | | | | | 16.8 | 8.2 |
| SSW | .6 | .8 | 1.8 | 1.2 | .1 | .0 | | | | | | 4.4 | 8.6 |
| SW | .4 | .7 | .9 | .8 | | | | | | | | 2.9 | 7.9 |
| WSW | .4 | .4 | .4 | .1 | | | | | | | | 1.3 | 5.6 |
| W | .7 | .6 | .5 | .3 | .0 | | | | | | | 2.1 | 6.3 |
| WNW | .8 | .7 | .4 | .1 | .0 | .0 | | | | | | 2.0 | 5.0 |
| NW | 1.1 | 1.3 | .4 | .3 | .2 | | | | | | | 3.6 | 6.0 |
| NNW | .9 | 1.9 | 1.8 | 1.5 | .3 | .0 | | | | | | 6.4 | 8.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 15.4 | |
| | 15.3 | 25.1 | 25.7 | 16.2 | 2.2 | .1 | | | | | | 100.0 | 6.3 |

TOTAL NUMBER OF OBSERVATIONS 6696

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03933
STATION

FORT HOOD TEXAS/FORT HOOD AAF
STATION NAME

60-69
YEARS

NOV
MONTH

ALL WEATHER
CLASS

ALL
HOURS (LST)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.5 | 3.2 | 3.5 | 2.2 | .5 | .1 | | | | | | 11.0 | 9.3 |
| NNE | .8 | 1.3 | 1.4 | .8 | .1 | .0 | | | | | | 4.4 | 7.3 |
| NE | .6 | .9 | .5 | .2 | | | | | | | | 2.2 | 5.6 |
| ENE | .4 | .7 | .4 | .1 | | | | | | | | 1.5 | 4.3 |
| E | .8 | .8 | .3 | .1 | | | | | | | | 1.9 | 4.5 |
| ESE | .7 | .8 | .6 | .1 | .0 | | | | | | | 2.1 | 5.2 |
| SE | 1.1 | 2.2 | 1.8 | .4 | .0 | .0 | | | | | | 5.6 | 6.3 |
| SSE | 1.5 | 3.0 | 3.2 | 1.2 | .1 | | | | | | | 9.0 | 7.0 |
| S | 2.3 | 4.6 | 4.9 | 3.7 | .2 | | | | | | | 14.9 | 7.5 |
| SSW | .7 | 1.1 | 1.3 | .7 | .0 | | | | | | | 3.9 | 7.1 |
| SW | .6 | .8 | .7 | .7 | | | | | | | | 2.8 | 7.4 |
| WSW | .6 | .7 | .4 | .2 | .0 | | | | | | | 1.9 | 6.0 |
| W | 1.2 | 1.4 | 1.1 | .5 | .0 | | | | | | | 4.3 | 6.2 |
| WNW | 1.2 | 1.0 | .8 | .3 | | | | | | | | 3.2 | 5.5 |
| NW | 1.7 | 2.0 | 1.1 | .6 | .1 | .0 | | | | | | 5.5 | 5.9 |
| NNW | 1.5 | 2.3 | 2.7 | 1.2 | .5 | .1 | | | | | | 8.3 | 7.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 17.4 | |
| | 17.2 | 26.8 | 24.6 | 12.2 | 1.6 | .3 | | | | | | 100.0 | 5.8 |

TOTAL NUMBER OF OBSERVATIONS 6937

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 03033 STATION NAME FORT HOOD TEXAS/FORT HOOD AAF YEARS 60-69 DFC ALL
MONTH ALL
HOURS (LST) ALL
CLASS ALL WEATHER
CONDITION

| SPEED (KNTS) DIR. | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | ≥56 | % | MEAN WIND SPEED |
|-------------------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-----|-------|-----------------------|
| N | 1.5 | 2.6 | 4.6 | 3.0 | .7 | .0 | | | | | | 13.3 | 9.2 |
| NNE | .7 | 1.3 | 1.4 | 1.1 | .2 | | | | | | | 4.7 | 8.1 |
| NE | .0 | .8 | .6 | .3 | .0 | .0 | | | | | | 2.3 | 6.9 |
| ENE | .4 | .5 | .1 | .0 | | | | | | | | 1.1 | 4.2 |
| E | .5 | 1.0 | .2 | .0 | | | | | | | | 2.0 | 4.1 |
| ESE | 1.0 | .9 | .4 | .0 | | | | | | | | 2.4 | 4.4 |
| SE | 1.3 | 2.3 | 1.4 | .3 | | | | | | | | 5.3 | 5.5 |
| SSE | 1.6 | 3.1 | 2.6 | 1.1 | .0 | | | | | | | 8.4 | 6.6 |
| S | 2.3 | 4.2 | 4.4 | 2.4 | .1 | | | | | | | 13.5 | 7.2 |
| SSW | .7 | 1.3 | 1.2 | .7 | .0 | | | | | | | 3.9 | 7.0 |
| SW | .6 | .8 | .6 | .2 | .0 | .0 | | | | | | 2.3 | 6.1 |
| WSW | .4 | .7 | .5 | .2 | .0 | .0 | | | | | | 1.8 | 6.2 |
| W | 1.3 | 1.4 | 1.0 | .4 | .0 | | | | | | | 4.2 | 5.9 |
| WNW | 1.1 | 1.3 | 1.0 | .6 | .1 | | | | | | | 4.2 | 6.5 |
| NW | 1.4 | 2.1 | 1.8 | 1.7 | .4 | .0 | | | | | | 7.4 | 8.0 |
| NNW | 1.2 | 2.0 | 2.6 | 2.3 | .8 | .1 | | | | | | 9.0 | 9.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 14.6 | |
| | 17.0 | 26.4 | 24.3 | 15.4 | 2.4 | .2 | | | | | | 100.0 | 6.3 |

TOTAL NUMBER OF OBSERVATIONS 7218

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03933
STATION

FORT HOOD TEXAS/FORT HOOD AAF
STATION NAME

62-70
YEARS

JAN
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L S T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|-----|-------|-----------------------|
| N | 1.0 | 3.0 | 3.6 | 2.9 | .7 | .1 | | | | | | 11.2 | 3.1 |
| NNE | .2 | 1.2 | .7 | .2 | .2 | | | | | | | 2.6 | 7.8 |
| NE | .6 | .5 | .1 | | .2 | | | | | | | 1.2 | 7.9 |
| ENE | .2 | .6 | .2 | | .1 | .1 | | | | | | 1.3 | 9.1 |
| E | 1.1 | 1.3 | .6 | .1 | | | | | | | | 3.1 | 4.8 |
| ESE | .6 | .6 | .4 | .6 | | | | | | | | 1.9 | 7.6 |
| SE | 1.7 | 2.5 | 1.1 | .6 | .1 | | | | | | | 6.0 | 3.8 |
| SSE | 1.6 | 4.1 | 3.9 | .8 | | | | | | | | 10.3 | 6.7 |
| S | 2.2 | 3.6 | 7.8 | 1.9 | | | | | | | | 15.4 | 7.4 |
| SSW | .7 | 1.7 | 1.1 | 1.0 | | | | | | | | 4.4 | 7.0 |
| SW | .3 | 1.0 | .4 | | | | | | | | | 1.8 | 3.1 |
| WSW | .6 | .7 | .7 | | | | | | | | | 2.0 | 4.9 |
| W | .7 | 1.2 | .5 | .4 | | | | | | | | 2.8 | 5.4 |
| WNW | 1.0 | 1.3 | 1.0 | .6 | .4 | | | | | | | 4.2 | 7.2 |
| NW | 1.3 | 2.0 | 1.7 | 1.2 | .1 | | | | | | | 6.3 | 7.2 |
| NNW | .8 | 2.8 | 2.4 | 2.0 | 1.0 | .1 | | | | | | 9.1 | 9.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 16.3 | |
| | 14.1 | 28.0 | 26.1 | 12.3 | 2.9 | .4 | | | | | | 100.0 | 6.1 |

TOTAL NUMBER OF OBSERVATIONS 836

5
DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03933 STATION FORT HOOD TEXAS/FORT HOOD AAF 67-70 YEARS MONTH JAN
ALL WEATHER CLASS 0300-0500 HOURS (LST)
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.2 | 2.6 | 1.0 | 1.5 | 1.4 | .1 | | | | | | 11.4 | 10.0 |
| NNE | | 1.0 | .6 | .5 | | | | | | | | 2.0 | 7.9 |
| NE | .2 | .6 | .1 | | | | | | | | | 1.0 | 4.5 |
| ENE | .6 | .5 | .1 | | | .2 | | | | | | 1.4 | 6.9 |
| E | 1.2 | 1.2 | .5 | .5 | .1 | | | | | | | 3.5 | 6.0 |
| ESE | .7 | 1.0 | .6 | .4 | | | | | | | | 2.6 | 5.8 |
| SE | 1.4 | 3.0 | .6 | .6 | | | | | | | | 5.6 | 5.5 |
| SSE | 2.3 | 2.3 | 2.5 | 1.0 | | | | | | | | 8.0 | 6.1 |
| S | 2.2 | 3.7 | 4.1 | 1.9 | | | | | | | | 11.8 | 6.8 |
| SSW | .7 | 1.4 | 2.2 | .1 | | | | | | | | 4.4 | 6.5 |
| SW | .2 | .6 | .2 | | | | | | | | | 1.1 | 5.0 |
| WSW | .5 | .8 | .1 | .1 | | | | | | | | 1.6 | 5.0 |
| W | .7 | 1.6 | .8 | .2 | | | | | | | | 3.3 | 5.5 |
| WNW | .7 | 2.5 | 1.1 | 1.0 | .2 | | | | | | | 5.5 | 7.3 |
| NW | 1.4 | 1.2 | 2.4 | 2.4 | .1 | | | | | | | 7.5 | 8.4 |
| NNW | 1.7 | 1.9 | 2.2 | 1.9 | 1.1 | .1 | | | | | | 8.8 | 9.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 20.0 | |
| | 15.8 | 25.8 | 21.0 | 14.0 | 4.0 | .5 | | | | | | 100.0 | 5.9 |

TOTAL NUMBER OF OBSERVATIONS 837

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03033 STATION FORT HODD TEXAS/FORT HODD AAF 01-70 YEARS JAN MONTH
ALL WEATHER CLASS 0000-0000 HOURS (LST)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------|
| N | 1.5 | 2.4 | 3.4 | 2.4 | 1.2 | .5 | | | | | | 12.4 | 3.7 |
| NNE | 1.2 | .9 | .6 | .1 | .1 | | | | | | | 2.9 | 5.5 |
| NE | .4 | .3 | .2 | | | | | | | | | 1.0 | 4.0 |
| ENE | .1 | .8 | .1 | .1 | .1 | | | | | | | 1.2 | 7.3 |
| E | 1.1 | .7 | | .3 | | | | | | | | 2.3 | 4.4 |
| ESE | .7 | .6 | 1.2 | .4 | | | | | | | | 3.1 | 6.4 |
| SE | 1.3 | 1.6 | 1.6 | | | | | | | | | 4.5 | 5.6 |
| SSE | 1.7 | 3.1 | 2.5 | .9 | .1 | | | | | | | 8.3 | 4.5 |
| S | 1.4 | 3.2 | 2.7 | 1.9 | .1 | | | | | | | 9.4 | 1.4 |
| SSW | 1.2 | .9 | 1.0 | .2 | | | | | | | | 3.2 | 5.6 |
| SW | .2 | .8 | .5 | | | | | | | | | 1.8 | 5.1 |
| WSW | .4 | .9 | .2 | .1 | | | | | | | | 1.6 | 5.1 |
| W | 1.1 | 1.4 | 1.0 | .9 | .1 | | | | | | | 4.4 | 7.0 |
| WNW | 1.1 | 1.3 | 1.4 | .8 | .1 | | | | | | | 4.6 | 7.1 |
| NW | 1.6 | 1.9 | 3.4 | 1.6 | .3 | | | | | | | 8.9 | 7.9 |
| NNW | .9 | 1.6 | 4.4 | 2.3 | 1.4 | .2 | | | | | | 10.8 | 10.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 19.8 | |
| | 16.3 | 22.9 | 24.3 | 12.4 | 3.5 | .9 | | | | | | 100.0 | 6.1 |

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/1AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03934 STATION FORT HOOD TEXAS/FORT HOOD AAF SECTION NAME 61-70 YEARS MONTH 14%
ALL WEATHER CLASS 0900-1100 HOURS (LST)
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------|
| N | 1.1 | 3.1 | 3.4 | 3.9 | 1.8 | .4 | | | | | | 13.8 | 10.4 |
| NNE | .8 | 1.5 | 1.8 | .6 | | | | | | | | 4.7 | 7.3 |
| NE | .5 | .6 | .9 | | | | | | | | | 2.0 | 5.4 |
| ENE | .5 | .4 | .3 | | .1 | | | | | | | 1.4 | 6.0 |
| E | .8 | 1.0 | 1.1 | .1 | .2 | | | | | | | 3.1 | 6.4 |
| ESE | .1 | .4 | .1 | .2 | | | | | | | | .9 | 7.4 |
| SE | 1.0 | 1.6 | 1.5 | .5 | | | | | | | | 4.6 | 6.8 |
| SSE | 1.4 | 1.7 | 3.1 | 1.3 | .1 | | | | | | | 7.6 | 7.7 |
| S | .8 | 3.7 | 5.9 | 3.4 | .2 | | | | | | | 14.0 | 8.6 |
| SSW | .8 | 1.5 | 1.7 | 1.8 | .1 | | | | | | | 5.9 | 8.5 |
| SW | .2 | 1.6 | 1.0 | .4 | | | | | | | | 3.2 | 7.0 |
| WSW | .4 | 1.1 | 1.2 | .3 | | | | | | | | 3.0 | 6.7 |
| W | .9 | 1.5 | 1.1 | 1.4 | .1 | | | | | | | 4.9 | 6.1 |
| WNW | .5 | .6 | 1.5 | 1.1 | .3 | .7 | | | | | | 4.3 | 9.9 |
| NW | 1.0 | .9 | 2.7 | 2.5 | .5 | .1 | | | | | | 7.6 | 10.0 |
| NNW | .4 | 1.3 | 3.4 | 4.3 | 1.1 | .1 | | | | | | 10.6 | 11.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 8.2 | |
| | 11.1 | 22.6 | 30.8 | 21.9 | 4.6 | .9 | | | | | | 100.0 | 8.1 |

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 03033 FORT HOOD TEXAS/FORT HOOD AFB STATION NAME 61-70 YEARS JAN MONTH
CLASS ALL WEATHER HOURS (L S T) 100-1400
CONDITION

| SPEED (KNTS) DIR. | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | ≥56 | % | MEAN WIND SPEED |
|-------------------------|-----|------|------|-------|-------|-------|-------|-------|-------|-------|-----|-------|-----------------------|
| N | 1.4 | 2.0 | 5.7 | 4.3 | 1.5 | .9 | | | | | | 15.5 | 10.5 |
| NNE | 1.0 | 1.3 | 1.4 | 1.1 | .1 | | | | | | | 4.8 | 7.5 |
| NE | .3 | 1.3 | .3 | .4 | | | | | | | | 2.4 | 6.3 |
| ENE | .6 | .3 | .4 | .2 | | | | | | | | 1.6 | 5.9 |
| E | .3 | .3 | .6 | .4 | | .1 | | | | | | 1.8 | 4.2 |
| ESE | 1.0 | .5 | .9 | .2 | | | | | | | | 2.6 | 5.4 |
| SE | .5 | 1.5 | 1.0 | 1.1 | .4 | | | | | | | 4.5 | 8.5 |
| SSE | .4 | 2.0 | 2.2 | 2.5 | .3 | | | | | | | 7.4 | 9.2 |
| S | .6 | 2.3 | 6.9 | 6.6 | .6 | .2 | | | | | | 17.2 | 10.4 |
| SSW | .2 | 1.7 | 2.0 | 2.9 | .1 | | | | | | | 7.0 | 9.7 |
| SW | .5 | 1.3 | 1.7 | 1.2 | .2 | | | | | | | 4.9 | 8.5 |
| WSW | .3 | .8 | .9 | .4 | | | | | | | | 2.4 | 7.6 |
| W | .2 | 1.5 | 1.6 | 2.2 | .3 | | | | | | | 5.8 | 9.9 |
| WNW | .3 | 1.0 | .5 | 1.2 | .8 | .1 | | | | | | 3.9 | 10.9 |
| NW | .8 | .9 | 1.4 | 1.9 | 1.2 | | | | | | | 6.1 | 11.0 |
| NNW | .2 | 1.2 | 2.8 | 3.4 | .6 | .2 | | | | | | 8.5 | 11.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.5 | |
| | 8.8 | 19.9 | 30.3 | 30.0 | 6.2 | 1.2 | | | | | | 100.0 | 7.3 |

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03933 STATION FORT HODD TEXAS/FORT HODD AAF 61-70 YEARS JAN NORTH
1500-1700
HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .5 | 2.6 | 3.1 | 3.9 | 1.7 | .1 | | | | | | 14.7 | 10.4 |
| NNE | .8 | 1.5 | 1.4 | .8 | | .1 | | | | | | 4.3 | 7.4 |
| NE | .2 | .9 | 1.2 | .5 | | | | | | | | 2.7 | 7.6 |
| ENE | .5 | .6 | .2 | .1 | | | | | | | | 1.5 | 5.0 |
| E | .8 | .5 | .3 | .5 | .1 | | | | | | | 2.3 | 7.1 |
| ESE | .2 | 1.0 | 1.1 | .3 | | | | | | | | 2.6 | 7.0 |
| SE | .4 | 1.9 | 3.3 | 1.3 | | | | | | | | 7.6 | 7.7 |
| SSE | .6 | 1.7 | 4.3 | 3.2 | .6 | | | | | | | 17.5 | 9.8 |
| S | .3 | 2.8 | 7.7 | 7.4 | .3 | .1 | | | | | | 18.7 | 10.0 |
| SSW | .3 | .6 | 2.3 | 1.2 | .4 | | | | | | | 4.8 | 9.6 |
| SW | .1 | .3 | 1.2 | .6 | .1 | | | | | | | 2.4 | 9.9 |
| WSW | .1 | .1 | .5 | .5 | .1 | | | | | | | 1.7 | 9.9 |
| W | .9 | .5 | 1.2 | 1.4 | .1 | | | | | | | 4.1 | 8.7 |
| WNW | .3 | .4 | 1.0 | 1.4 | .3 | .3 | .1 | | | | | 3.9 | 11.4 |
| NW | .4 | .9 | 1.3 | 2.0 | .9 | | | | | | | 5.5 | 11.0 |
| NNW | .6 | 1.0 | 2.3 | 3.9 | 1.2 | .3 | | | | | | 9.9 | 11.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.5 | |
| | 7.4 | 17.7 | 34.9 | 29.1 | 6.1 | 1.0 | .1 | | | | | 100.0 | 9.3 |

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03933 STATION FORT HODD TEXAS/FORT HODD AAF 61-70 YEARS JAN NORTH
ALL WEATHER CLASS 1800-2000 HOURS (LST)
CONDITION

| SPEED (KNTS) DIR. | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | ≥56 | % | MEAN WIND SPEED |
|-------------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-----|-------|-----------------|
| N | 2.3 | 3.5 | 4.2 | 2.6 | 1.0 | .3 | | | | | | 13.9 | 4.5 |
| NNE | 1.4 | 1.8 | 1.7 | .4 | | | | | | | | 5.6 | 6.1 |
| NE | .4 | 1.5 | .3 | | | | | | | | | 2.3 | 4.8 |
| ENE | .6 | 1.2 | .1 | .3 | | | | | | | | 2.3 | 3.4 |
| E | 1.0 | 2.2 | .4 | .4 | | | | | | | | 4.0 | 5.3 |
| ESE | 1.3 | 1.9 | .8 | .2 | | | | | | | | 4.2 | 5.1 |
| SE | 1.8 | 4.1 | 3.0 | .6 | .1 | | | | | | | 7.7 | 6.3 |
| SSE | 1.9 | 5.2 | 6.1 | 1.6 | .1 | | | | | | | 14.9 | 6.3 |
| S | 1.4 | 3.9 | 5.2 | 2.0 | | | | | | | | 12.5 | 7.3 |
| SSW | .8 | .6 | 1.4 | | | | | | | | | 2.8 | 4.9 |
| SW | .4 | | .4 | | | | | | | | | .8 | 5.7 |
| WSW | .3 | .5 | .3 | | | | | | | | | 1.2 | 5.1 |
| W | | 1.6 | .6 | .1 | | | | | | | | 1.7 | 6.7 |
| WNW | .3 | .8 | 1.0 | .5 | .2 | | | | | | | 2.8 | 8.6 |
| NW | .6 | 1.0 | 2.0 | 1.6 | .2 | | | | | | | 5.5 | 8.9 |
| NNW | 1.2 | 1.8 | 1.2 | 2.4 | 1.1 | .1 | | | | | | 7.7 | 4.9 |
| VARL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 8.5 | |
| | 15.7 | 31.0 | 28.8 | 12.9 | 3.7 | .4 | | | | | | 100.0 | 6.6 |

TOTAL NUMBER OF OBSERVATIONS 910

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03933 STATION FORT HOOD TEXAS/FORT HOOD AAF 61-70 YEARS JAN MONTH 2100-2300 HOURS (LST)
ALL WEATHER CLASS
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------|
| N | 1.2 | 4.1 | 3.8 | 3.0 | .3 | .0 | | | | | | 13.0 | 4.8 |
| NNE | .6 | 1.3 | 1.0 | .4 | | | | | | | | 3.3 | 6.7 |
| NE | .4 | .7 | .2 | .1 | | | | | | | | 1.4 | 5.1 |
| ENE | .4 | .2 | .1 | | | | | | | | | .9 | 5.0 |
| E | .7 | 1.8 | .9 | .2 | | | | | | | | 3.6 | 5.1 |
| ESE | 1.3 | 1.9 | .6 | .2 | | | | | | | | 4.0 | 4.4 |
| SE | .9 | 2.9 | 2.0 | .3 | | | | | | | | 6.1 | 6.1 |
| SSE | 1.4 | 4.1 | 4.8 | 1.8 | | | | | | | | 12.1 | 7.1 |
| S | 2.2 | 5.8 | 6.9 | 1.6 | .2 | | | | | | | 16.7 | 7.1 |
| SSW | 1.0 | 1.3 | .7 | .3 | | | | | | | | 3.3 | 5.3 |
| SW | | .9 | .4 | | | | | | | | | 1.3 | 6.3 |
| WSW | | .6 | .2 | | | | | | | | | .8 | 6.3 |
| W | .8 | .2 | .8 | .3 | | | | | | | | 2.1 | 6.6 |
| WNW | 1.1 | .8 | .6 | .4 | | | | | | | | 2.9 | 5.9 |
| NW | 1.1 | 1.2 | .9 | 1.6 | | | | | | | | 5.5 | 7.4 |
| NNW | 1.1 | 2.9 | 1.3 | 2.2 | 1.2 | .1 | | | | | | 8.9 | 9.4 |
| VARBL | | | | | | | | | | | | | |
| CALC. | | | | | | | | | | | | 14.0 | |
| | 14.3 | 21.5 | 25.1 | 12.6 | 1.8 | .7 | | | | | | 100.0 | 6.2 |

TOTAL NUMBER OF OBSERVATIONS 899

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03933 STATION FORT HOOD TEXAS/FORT HOOD AAF STATION NAME 62-70 YEARS FEB MONTH 0000-0700 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------|
| N | .9 | 2.9 | 3.9 | 1.7 | .4 | .4 | | | | | | 10.2 | .8 |
| NNE | .4 | 1.4 | 1.4 | 1.4 | | | | | | | | 4.6 | 8.1 |
| NE | .7 | .8 | .7 | .4 | .1 | | | | | | | 2.6 | 7.3 |
| ENE | .1 | .3 | .3 | | | | | | | | | .7 | 3.4 |
| E | .5 | 1.0 | 1.3 | | | | | | | | | 2.9 | 5.9 |
| ESE | .4 | 1.2 | 1.0 | .3 | | | | | | | | 3.4 | 5.7 |
| SE | 1.0 | 2.0 | 1.8 | 1.4 | | | | | | | | 6.3 | 7.4 |
| SSE | 1.4 | 3.7 | 4.2 | 1.4 | | | | | | | | 10.8 | 7.1 |
| S | 1.8 | 3.8 | 5.2 | 2.1 | | | | | | | | 12.7 | 7.5 |
| SSW | .7 | 1.2 | .9 | .3 | | | | | | | | 3.0 | 6.3 |
| SW | .8 | .9 | .5 | .1 | .1 | | | | | | | 2.5 | 5.7 |
| WSW | .1 | .1 | 1.0 | | | | | | | | | 2.0 | 6.7 |
| W | .1 | 1.8 | .9 | .3 | | | | | | | | 3.8 | 5.9 |
| WNW | .7 | 2.2 | .8 | | | | | | | | | 3.7 | 4.8 |
| NW | .6 | 2.5 | 1.2 | .8 | | | | | | | | 5.2 | 6.8 |
| NNW | .4 | 3.1 | 2.8 | 3.3 | .5 | .1 | | | | | | 10.4 | 7.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 15.2 | |
| | 11.8 | 29.7 | 28.2 | 13.4 | 1.2 | .5 | | | | | | 100.0 | 6.2 |

TOTAL NUMBER OF OBSERVATIONS 762

5 DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03933 STATION CPT HIND TEXAS/FORT HIND AAF 6-70 YEARS MONTH 11
ALL WEATHER CLASS 7100-0500 HOURS (LST)
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN D SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|--------------------|
| N | .0 | 3.5 | 3.7 | 1.7 | .3 | .1 | | | | | | 10.1 | 3.2 |
| NNE | .5 | 1.6 | 1.2 | .4 | | | | | | | | 3.7 | 6.7 |
| NE | .3 | 1.4 | 1.3 | | .5 | | | | | | | 3.5 | 7.9 |
| ENE | .1 | .1 | .5 | | | | | | | | | .8 | 6.8 |
| E | .5 | .8 | .4 | | | | | | | | | 1.7 | 5.4 |
| ESE | .7 | 2.0 | .4 | .3 | | | | | | | | 3.3 | 5.0 |
| SE | 1.3 | 2.0 | 1.6 | 1.0 | .1 | | | | | | | 6.0 | 4.9 |
| SSE | 2.1 | 2.4 | 3.3 | .7 | .1 | | | | | | | 8.5 | 6.7 |
| S | 2.9 | 4.7 | 3.1 | 1.6 | | | | | | | | 11.9 | 6.4 |
| SSW | .5 | 1.8 | 1.4 | .4 | | | | | | | | 4.2 | 6.4 |
| SW | .3 | .3 | .5 | .3 | .1 | | | | | | | 1.4 | 8.1 |
| WSW | .4 | .9 | .4 | .1 | | | | | | | | 1.8 | 6.7 |
| W | 1.4 | 1.0 | 1.2 | .8 | .1 | | | | | | | 4.6 | 7.0 |
| WNW | 1.0 | 2.1 | 1.4 | .9 | | | | | | | | 5.5 | 6.7 |
| NW | 2.0 | 2.8 | 2.0 | 1.8 | .7 | | | | | | | 9.2 | 7.6 |
| NNW | .9 | 2.1 | 2.9 | 2.5 | .4 | | | | | | | 8.8 | 8.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 14.8 | |
| | 15.4 | 29.5 | 25.3 | 12.5 | 2.4 | .1 | | | | | | 100.0 | 6.1 |

TOTAL NUMBER OF OBSERVATIONS 762

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03031
STATION

FORT HODD TEXAS/FORT HODD AAF
STATION NAME

51-70
YEARS

1 11
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (LST)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.3 | 2.6 | 3.5 | 1.9 | .2 | .1 | | | | | | 9.7 | 8.4 |
| NNE | .4 | 1.4 | 2.0 | .8 | .2 | | | | | | | 4.6 | 8.1 |
| NE | .2 | .6 | .4 | .2 | .4 | | | | | | | 1.8 | 7.9 |
| ENE | .4 | .4 | .2 | | | | | | | | | .9 | 4.5 |
| E | .9 | 1.3 | .7 | .2 | | | | | | | | 3.2 | 5.6 |
| ESE | .6 | 1.1 | .8 | .1 | | | | | | | | 2.6 | 5.9 |
| SE | 1.4 | 3.5 | 1.3 | .3 | .1 | | | | | | | 6.9 | 5.9 |
| SSE | 1.2 | 3.0 | 2.4 | .6 | .2 | | | | | | | 7.3 | 6.8 |
| S | 1.9 | 4.1 | 3.3 | .2 | | | | | | | | 9.6 | 5.9 |
| SSW | 1.1 | 1.5 | 1.4 | | | | | | | | | 4.0 | 5.2 |
| SW | .4 | 1.1 | .2 | .4 | .1 | | | | | | | 2.1 | 6.7 |
| WSW | .4 | .5 | .2 | .5 | | | | | | | | 1.5 | 7.4 |
| W | .7 | 1.3 | 1.1 | .5 | .1 | | | | | | | 3.7 | 7.1 |
| WNW | .8 | 2.2 | 1.5 | 1.2 | .1 | | | | | | | 5.9 | 7.6 |
| NW | 1.8 | 2.4 | 3.0 | 2.2 | .7 | | | | | | | 10.0 | 8.3 |
| NNW | .7 | 2.1 | 2.6 | 3.5 | .5 | .1 | | | | | | 9.5 | 9.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 16.3 | |
| | 14.1 | 29.1 | 24.7 | 2.9 | 2.7 | .2 | | | | | | 100.0 | 6.1 |

TOTAL NUMBER OF OBSERVATIONS

346

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03033 STATION FORT HOOD TEXAS/FORT HOOD AAF STATION NAME 61-70 YEARS MONTH 11-10 HOURS (LST) CLASS ALL WEATHER CONDITION

| SPEED (KNTS) DIR. | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | ≥56 | % | MEAN WIND SPEED |
|-------------------|-----|------|------|-------|-------|-------|-------|-------|-------|-------|-----|-------|-----------------|
| N | .4 | 1.4 | 4.3 | 3.7 | 1.4 | .6 | | | | | | 11.8 | 11.2 |
| NNE | .4 | .6 | 1.9 | 1.2 | .2 | | | | | | | 4.4 | 9.2 |
| NE | .6 | .7 | 1.2 | .7 | .1 | .2 | | | | | | 2.5 | 3.8 |
| ENE | .5 | 1.1 | .1 | .2 | | | | | | | | 2.1 | 6.3 |
| E | .2 | 1.7 | 1.3 | .4 | .1 | | | | | | | 3.9 | 7.1 |
| ESE | .1 | .8 | .8 | .7 | | | | | | | | 2.5 | 8.5 |
| SE | .5 | 2.0 | 2.5 | 1.1 | | | | | | | | 6.0 | 7.7 |
| SSE | 1.1 | 1.4 | 3.0 | 1.7 | .1 | .1 | | | | | | 7.3 | 8.2 |
| S | .7 | 2.4 | 5.8 | 3.2 | .6 | | | | | | | 12.4 | 9.0 |
| SSW | .4 | 1.4 | 2.2 | 1.5 | .2 | | | | | | | 5.8 | 9.1 |
| SW | .4 | 1.3 | 1.7 | .5 | | | | | | | | 3.8 | 7.1 |
| WSW | .4 | .2 | .9 | .2 | .5 | | | | | | | 2.2 | 9.6 |
| W | .1 | .9 | 1.9 | .8 | | .2 | | | | | | 4.0 | 9.4 |
| WNW | .4 | 1.5 | 1.9 | 1.9 | .4 | .1 | | | | | | 6.1 | 9.6 |
| NW | .4 | .5 | 2.0 | 4.0 | .3 | | | | | | | 8.0 | 11.6 |
| NNW | .2 | 1.7 | 3.7 | 2.6 | 1.4 | .2 | | | | | | 9.8 | 11.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 6.1 | |
| | 7.0 | 19.6 | 35.1 | 25.2 | 5.4 | 1.5 | | | | | | 100.0 | 8.9 |

TOTAL NUMBER OF OBSERVATIONS 846

DATA PROCESSING DIVISION
ETAC/USA
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03933 STATION WFT HNDH TEXAS/FORT HNDH AAF 61-70 YEARS 1200-1400 MONTH 1200-1400
STATION NAME CLASS CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .0 | 1.4 | 3.8 | 2.7 | 1.3 | .4 | | | | | | 10.2 | 11.0 |
| NNE | .2 | 1.5 | 1.8 | 1.1 | .1 | .1 | .1 | | | | | 5.0 | 9.3 |
| NE | .2 | 1.2 | 1.3 | .8 | .1 | | | | | | | 3.7 | 8.4 |
| ENE | .4 | .8 | .9 | | .1 | | | | | | | 2.2 | 7.0 |
| E | 1.1 | 1.8 | 1.2 | .4 | .1 | .1 | | | | | | 4.6 | 7.1 |
| ESE | | .8 | .9 | .8 | .2 | .1 | | | | | | 3.0 | 10.3 |
| SE | .4 | 1.8 | 2.0 | .6 | | | | | | | | 4.7 | 7.8 |
| SSE | .7 | 1.1 | 2.8 | 2.6 | .2 | | | | | | | 7.4 | 9.5 |
| S | .5 | 2.0 | 5.1 | 5.7 | .4 | .2 | | | | | | 13.8 | 10.6 |
| SSW | .5 | .8 | 1.4 | 3.0 | .1 | .1 | | | | | | 5.9 | 10.3 |
| SW | .1 | .8 | 1.3 | .7 | | | | | | | | 3.0 | 8.4 |
| WSW | .2 | .7 | .4 | .6 | .3 | | | | | | | 2.4 | 10.1 |
| W | .4 | 1.5 | 2.1 | 2.0 | .5 | .1 | | | | | | 6.4 | 10.4 |
| WNW | .4 | 1.1 | 1.5 | 2.7 | .2 | | | | | | | 5.9 | 10.6 |
| NW | .1 | .6 | 2.7 | 3.1 | .6 | | | | | | | 7.1 | 11.4 |
| NNW | .5 | .7 | 3.3 | 4.3 | 2.2 | .2 | | | | | | 11.2 | 12.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.5 | |
| | 0.1 | 18.4 | 32.0 | 31.0 | 6.7 | 1.4 | .1 | | | | | 100.0 | 9.6 |

TOTAL NUMBER OF OBSERVATIONS 846

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER (VICE/MAC)

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 03033 FORT HOOD TEXAS/FORT HOOD AAF 61-70 YEARS MONTH 1500-1700
CLASS ALL WEATHER
CONDITION

| SPEED (KNTS) DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------|
| N | .4 | 1.2 | 3.4 | 4.0 | 1.5 | .1 | .1 | | | | | 11.5 | 11.3 |
| NNE | .1 | 1.3 | 2.1 | 1.1 | .4 | | | | | | | 5.2 | 9.0 |
| NE | .5 | .2 | .9 | .1 | .1 | | | | | | | 1.9 | 7.7 |
| ENE | .1 | .6 | 1.3 | .4 | | .2 | | | | | | 2.6 | 9.4 |
| E | 1.1 | 1.3 | 2.4 | .2 | | | | | | | | 5.0 | 6.5 |
| ESE | .5 | .8 | .9 | .5 | .5 | .1 | | | | | | 3.2 | 9.4 |
| SE | .5 | 1.4 | 4.0 | 1.5 | .4 | | | | | | | 7.8 | 8.9 |
| SSE | 1.2 | .8 | 3.4 | 3.4 | .4 | | | | | | | 9.2 | 9.6 |
| S | .4 | 1.1 | 4.6 | 5.0 | .6 | .1 | | | | | | 11.7 | 10.3 |
| SSW | .2 | 1.2 | 1.7 | 1.8 | .1 | .1 | | | | | | 5.3 | 9.3 |
| SW | .2 | .6 | 1.1 | 1.4 | .1 | | | | | | | 3.4 | 9.7 |
| WSW | | .5 | .4 | .7 | | | | | | | | 1.5 | 9.2 |
| W | .5 | 1.1 | 1.3 | 1.4 | .2 | | | | | | | 4.5 | 9.2 |
| WNW | .2 | .6 | 2.4 | 1.5 | .2 | | | | | | | 5.0 | 10.3 |
| NW | .7 | .7 | 2.5 | 2.8 | .6 | | | | | | | 7.3 | 10.4 |
| NNW | .1 | .7 | 3.2 | 4.6 | 1.3 | .5 | | | | | | 10.5 | 12.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 4.4 | |
| | 7.0 | 12.0 | 35.6 | 30.5 | 6.3 | 1.2 | .1 | | | | | 100.0 | 9.6 |

TOTAL NUMBER OF OBSERVATIONS 846

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03933 STATION FORT HODD TEXAS/FORT HODD AAF 61-70 YEARS FEB MONTH 1870-2000 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------|
| N | 1.1 | 1.3 | 4.1 | 2.4 | .5 | | | | | | | 9.8 | 7.3 |
| NNE | .7 | 1.7 | 1.8 | .9 | .2 | .1 | | | | | | 5.4 | 8.0 |
| NE | .7 | 2.1 | .7 | .2 | .4 | | | | | | | 4.1 | 4.9 |
| ENE | 1.1 | 1.5 | .8 | | | | | | | | | 3.4 | 4.7 |
| E | 1.2 | 3.3 | .7 | .1 | .1 | | | | | | | 5.4 | 5.2 |
| ESE | 1.1 | 2.5 | 1.7 | 1.4 | .1 | | | | | | | 6.7 | 7.5 |
| SE | 1.1 | 4.3 | 3.1 | 1.1 | | | | | | | | 9.5 | 6.7 |
| SSE | .5 | 3.5 | 4.7 | 1.4 | .5 | | | | | | | 10.8 | 8.2 |
| S | 1.3 | 3.8 | 3.4 | 1.5 | | | | | | | | 10.0 | 7.2 |
| SSW | | 1.3 | .2 | .2 | | | | | | | | 1.8 | 6.3 |
| WSW | .8 | .1 | .1 | .1 | | | | | | | | 1.2 | 4.5 |
| W | .2 | .3 | .6 | .2 | | | | | | | | 1.5 | 7.0 |
| WNW | .5 | .6 | 1.1 | | | | | | | | | 2.1 | 4.2 |
| NW | .4 | 1.2 | 1.2 | .5 | | | | | | | | 3.2 | 5.8 |
| NNW | .5 | 1.8 | 2.0 | 1.2 | .1 | | | | | | | 5.6 | 8.7 |
| VARBL | .8 | 1.8 | 3.9 | 3.1 | .8 | | | | | | | 10.4 | 7.5 |
| CALM | | | | | | | | | | | | 9.0 | |
| | 11.4 | 31.2 | 30.1 | 14.9 | 2.8 | .1 | | | | | | 100.0 | 6.9 |

TOTAL NUMBER OF OBSERVATIONS 840

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03933 STATION NAME FTPT HOND TEXAS/FTPT HOND AAF 01-70 YEARS MONTH 100-2300 HOURS (LST)
ALL WEATHER CLASS
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------|
| N | 1.1 | 2.1 | 3.5 | 4.1 | | | | | | | | 10.3 | 2.0 |
| NNE | .7 | 1.2 | .7 | .2 | .5 | .5 | | | | | | 4.5 | 2.9 |
| NE | .4 | .7 | .9 | .2 | .2 | | | | | | | 2.9 | 3.4 |
| ENE | .5 | .7 | .5 | .2 | | | | | | | | 2.0 | 6.3 |
| E | 1.0 | 1.5 | 1.0 | .2 | | | | | | | | 3.7 | 5.6 |
| ESE | 1.1 | 2.4 | 1.6 | .5 | | | | | | | | 5.6 | 6.0 |
| SE | 1.1 | 2.4 | 2.7 | 1.5 | | | | | | | | 7.7 | 7.1 |
| SSE | 1.8 | 3.4 | 2.9 | 2.0 | | | | | | | | 10.1 | 6.9 |
| S | 1.0 | 4.4 | 3.8 | 1.3 | | | | | | | | 10.6 | 6.9 |
| SSW | .2 | 1.0 | .2 | .2 | | | | | | | | 1.7 | 6.5 |
| SW | .6 | | .1 | | .1 | | | | | | | .9 | 5.7 |
| WSW | .1 | 1.3 | 1.2 | .1 | | | | | | | | 2.8 | 6.4 |
| W | .9 | .2 | .1 | .1 | | | | | | | | 1.3 | 4.3 |
| WNW | 1.0 | 1.3 | .6 | .2 | | | | | | | | 3.2 | 5.4 |
| NW | .4 | 2.9 | 1.3 | 1.0 | .2 | | | | | | | 6.4 | 7.1 |
| NNW | .2 | 2.2 | 2.9 | 2.5 | .6 | | | | | | | 8.8 | 9.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 17.0 | |
| | 12.7 | 28.0 | 24.2 | 15.9 | 1.7 | .5 | | | | | | 100.0 | 6.2 |

TOTAL NUMBER OF OBSERVATIONS 818

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

03033 STATION FORT HODD TEXAS/FORT HODD AAF 61-70 YEARS MONTH
 ALL WEATHER CLASS 1070-0200 HOURS (LST)
 CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------|
| N | 1.2 | 2.3 | 3.4 | 2.4 | .6 | .1 | | | | | | 10.4 | 9.3 |
| NNE | .1 | 1.2 | 1.5 | 1.2 | .1 | | | | | | | 4.2 | 8.5 |
| NE | .2 | .8 | .7 | .5 | | | | | | | | 2.1 | 7.5 |
| ENE | .6 | | .1 | .1 | | | | | | | | .8 | 4.0 |
| E | .9 | .7 | .7 | | | | | | | | | 2.3 | 4.6 |
| ESE | .8 | 1.0 | .5 | .2 | .1 | | | | | | | 2.6 | 6.4 |
| SE | .9 | 2.9 | 2.7 | 1.0 | .1 | | | | | | | 7.7 | 7.1 |
| SSE | 1.1 | 5.0 | 5.3 | 3.2 | .2 | | | | | | | 14.9 | 8.0 |
| S | 1.6 | 5.3 | 6.0 | 3.0 | .6 | .2 | | | | | | 16.8 | 8.4 |
| SSW | .5 | .6 | 1.0 | 1.1 | .7 | | | | | | | 3.8 | 10.5 |
| SW | .5 | .3 | .2 | | | | | | | | | 1.0 | 4.7 |
| WSW | .3 | .3 | .2 | | | | | | | | | 1.0 | 9.0 |
| W | .8 | 1.4 | .6 | | | | | | | | | 2.7 | 4.7 |
| WNW | .9 | 2.3 | .3 | .2 | | | | | | | | 3.7 | 8.1 |
| NW | 1.4 | 1.2 | 2.5 | .5 | .3 | .2 | | | | | | 6.1 | 7.9 |
| NNW | .0 | 1.7 | 1.6 | 2.1 | .1 | .2 | | | | | | 6.3 | 9.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 13.7 | |
| | 12.4 | 26.9 | 27.1 | 15.9 | 2.0 | 1.1 | | | | | | 100.0 | 6.8 |

TOTAL NUMBER OF OBSERVATIONS 488

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 03933 STATION NAME FORT HOOD TEXAS/FORT HOOD AAF YEARS 61-70 MONTH ALL
CLASS ALL WEATHER HOURS (LST) 0300-0500
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------|
| N | .7 | 3.2 | 3.9 | 2.4 | .7 | .3 | | | | | | 11.1 | 7.3 |
| NNE | .5 | 1.6 | .8 | .7 | | | | | | | | 1.5 | 6.8 |
| NE | .7 | .2 | .2 | | | | | | | | | 1.1 | 3.9 |
| ENE | .3 | .5 | | .3 | | | | | | | | 1.1 | 5.9 |
| E | 1.0 | .5 | .2 | | | | | | | | | 1.7 | 3.3 |
| ESE | .7 | 1.1 | .6 | | | | | | | | | 2.4 | 5.2 |
| SE | 1.9 | 3.7 | 1.8 | .8 | | | | | | | | 8.2 | 5.6 |
| SSE | 1.8 | 4.7 | 3.3 | 2.5 | | | | | | | | 12.3 | 7.1 |
| S | 1.7 | 4.2 | 5.9 | 2.9 | .3 | .2 | | | | | | 15.2 | 8.1 |
| SSW | .5 | 1.4 | .7 | .8 | .5 | | | | | | | 3.7 | 8.8 |
| SW | | .8 | .3 | .6 | | | | | | | | 1.7 | 8.7 |
| WSW | .2 | .2 | .1 | | | | | | | | | .6 | 5.2 |
| W | 1.2 | 2.6 | .9 | | | | | | | | | 4.7 | 4.9 |
| WNW | .6 | 1.6 | 1.7 | .3 | | | | | | | | 4.2 | 6.7 |
| NW | 1.1 | 1.9 | 2.5 | .6 | | .2 | | | | | | 6.3 | 7.1 |
| NNW | .8 | 1.8 | 2.0 | 2.5 | .6 | .1 | | | | | | 7.8 | 9.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 14.4 | |
| | 13.6 | 29.8 | 24.9 | 14.3 | 2.0 | .9 | | | | | | 100.0 | 6.3 |

TOTAL NUMBER OF OBSERVATIONS 888

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03933
STATION

FORT HOOD TEXAS/FORT HOOD AAF
STATION NAME

61-70
YEARS

MAR
MONTH

ALL WEATHER
CLASS

0000-0800
HOURS (LST)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.0 | 2.7 | 4.1 | 2.9 | .5 | .1 | | | | | | 11.3 | 8.9 |
| NNE | .6 | 1.3 | .5 | 1.0 | .1 | | | | | | | 3.5 | 7.4 |
| NE | .3 | .4 | | .1 | | | | | | | | .9 | 4.6 |
| ENE | .4 | .3 | .2 | | | | | | | | | 1.0 | 5.6 |
| E | .0 | .6 | .5 | | | | | | | | | 1.8 | 4.9 |
| ESE | .4 | 1.7 | .6 | .5 | | | | | | | | 3.3 | 6.4 |
| SE | 1.0 | 2.9 | 2.8 | .8 | | | | | | | | 8.3 | 6.2 |
| SSE | 1.0 | 2.8 | 4.6 | 2.0 | .4 | | | | | | | 11.7 | 7.9 |
| S | 1.4 | 3.5 | 4.2 | 1.2 | .6 | .2 | | | | | | 13.7 | 7.7 |
| SSW | .9 | .4 | 1.3 | .8 | | | | | | | | 3.3 | 7.6 |
| SW | .3 | .1 | .8 | .1 | | | | | | | | 1.3 | 7.3 |
| WSW | .1 | 1.2 | .5 | | | | | | | | | 1.0 | 5.9 |
| W | .3 | 1.3 | 1.5 | | | | | | | | | 3.1 | 6.4 |
| WNW | 1.1 | 1.0 | 2.7 | .9 | | | | | | | | 5.6 | 7.3 |
| NW | 1.3 | 1.8 | 2.2 | 1.5 | .1 | .1 | | | | | | 7.0 | 7.8 |
| NNW | .2 | 1.7 | 2.2 | 1.8 | .3 | .2 | | | | | | 6.5 | 9.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 15.0 | |
| | 13.2 | 25.8 | 28.7 | 11.5 | 2.2 | .0 | | | | | | 100.0 | 6.4 |

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

01033 STATION FORT HOOD TEXAS/FORT HOOD AAF 61-70 YEARS
ALL WEATHER CLASS
0900-1100 HOURS (L.S.T.)
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .4 | 1.4 | 3.5 | 4.0 | 1.0 | .1 | | | | | | 10.4 | 10.6 |
| NNE | .1 | 1.5 | 1.2 | 1.3 | .1 | | | | | | | 4.8 | 8.2 |
| NE | .5 | .8 | .6 | .1 | | | | | | | | 2.3 | 6.8 |
| ENE | .3 | .2 | .6 | .4 | | | | | | | | 1.4 | 8.1 |
| E | .3 | 1.2 | 1.6 | .3 | | | | | | | | 3.4 | 7.3 |
| ESE | .4 | .9 | 1.2 | 1.1 | | | | | | | | 3.5 | 8.3 |
| SE | .6 | 1.2 | 2.5 | 2.0 | .1 | | | | | | | 6.5 | 8.8 |
| SSE | 1.3 | 1.9 | 5.6 | 4.0 | .5 | .2 | | | | | | 13.5 | 9.4 |
| S | .9 | 2.5 | 6.1 | 5.5 | 1.4 | .3 | | | | | | 15.7 | 10.5 |
| SSW | .3 | .8 | 1.5 | 2.4 | .4 | .1 | | | | | | 5.5 | 10.9 |
| SW | | .8 | .8 | 1.0 | | | | | | | | 2.5 | 7.3 |
| WSW | .1 | .9 | 1.3 | .4 | | | | | | | | 2.7 | 7.6 |
| W | .8 | .9 | 1.5 | 1.1 | .2 | | .2 | | | | | 4.4 | 9.7 |
| WNW | .2 | .3 | .9 | 1.0 | .3 | | | | | | | 3.3 | 11.2 |
| NW | .6 | 1.0 | 1.4 | 1.2 | 1.3 | | | | | | | 7.5 | 11.3 |
| NNW | .6 | .5 | 2.6 | 3.0 | 1.2 | .4 | | | | | | 8.4 | 11.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 2.7 | |
| | 8.3 | 16.0 | 32.9 | 31.4 | 6.6 | 1.2 | .2 | | | | | 100.0 | 9.6 |

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
 AFAC/USAF
 AIR WEATHER SERVICE/HAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03033 STATION FORT HIND TEXAS/FORT HIND AFB 61-70 YEARS MONTH 1200-1400 HOURS (LST)
 ALL WEATHER CLASS
 CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------|
| N | .6 | 1.1 | 3.3 | 3.4 | .8 | | | | | | | 1.2 | 15.5 |
| NNE | .4 | 1.5 | 1.0 | 1.6 | .1 | | | | | | | 4.1 | 9.3 |
| NE | .2 | .6 | .4 | .8 | .1 | | | | | | | 2.3 | 9.2 |
| ENE | .7 | .6 | .4 | .1 | | | | | | | | 1.4 | 6.5 |
| E | .8 | 1.0 | .6 | .2 | .1 | | | | | | | 2.7 | 5.1 |
| ESE | .3 | 1.2 | 1.0 | 1.3 | | | | | | | | 3.8 | 8.3 |
| SE | .4 | 1.4 | 1.3 | 2.4 | .2 | | | | | | | 6.0 | 8.8 |
| SSE | .5 | 1.5 | 3.8 | 5.4 | 1.1 | | | | | | | 12.0 | 10.0 |
| S | 1.0 | 1.5 | 5.7 | 11.4 | 1.5 | .4 | | | | | | 18.5 | 11.4 |
| SSW | .1 | .9 | 1.2 | 3.1 | 1.1 | | | | | | | 6.3 | 12.1 |
| SW | .2 | .4 | 1.4 | 1.0 | .1 | | | | | | | 3.1 | 9.5 |
| WSW | .1 | .4 | 1.4 | .3 | | | | | | | | 2.3 | 8.3 |
| W | .3 | .8 | 1.9 | 1.3 | .0 | .3 | .1 | | | | | 5.4 | 11.2 |
| WNW | .5 | .5 | 1.4 | 1.0 | .9 | | | | | | | 4.9 | 11.0 |
| NW | .2 | 1.2 | .9 | 2.7 | .9 | .2 | | | | | | 6.0 | 12.0 |
| NNW | .8 | 1.2 | 2.2 | 3.1 | 1.5 | | | | | | | 8.8 | 11.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.1 | |
| | 7.0 | 15.3 | 27.8 | 36.8 | 8.9 | 1.0 | .1 | | | | | 100.0 | 10.2 |

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
 AFAC/USAF
 AIR WEATHER SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION: 3023 FORT HOOD TEXAS/FDR: HOOD AAF CLASS: ALL WEATHER YEARS: 61-70 MONTH: JAN
 1960-1960
 HOURS (L.S.T.):

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .8 | 1.4 | 3.4 | 4.1 | .8 | .1 | | | | | | 10.8 | 10.4 |
| NNE | .6 | .5 | .8 | 2.2 | .1 | | | | | | | 4.2 | 9.0 |
| NE | .6 | .3 | .3 | 1.1 | | | | | | | | 2.4 | 8.3 |
| ENE | .9 | .1 | .9 | 1.0 | | | | | | | | 2.5 | 9.0 |
| E | .4 | 1.8 | 1.6 | .4 | .1 | | | | | | | 4.4 | 7.1 |
| ESE | .3 | 1.1 | 1.6 | .5 | .1 | | | | | | | 3.9 | 7.8 |
| SE | .6 | 1.6 | 2.5 | 1.9 | .4 | | | | | | | 7.5 | 8.9 |
| SSE | .3 | .8 | 5.4 | 6.3 | 1.7 | .1 | | | | | | 14.6 | 11.8 |
| S | .5 | 2.0 | 6.1 | 7.5 | 1.1 | .3 | | | | | | 17.6 | 11.0 |
| SSW | .1 | .3 | 1.6 | 2.0 | .4 | .1 | | | | | | 4.6 | 11.9 |
| SW | | .1 | 1.1 | .3 | .2 | .1 | | | | | | 1.8 | 11.5 |
| WSW | .3 | .3 | 1.1 | .6 | .1 | | | | | | | 2.5 | 8.8 |
| W | .7 | .6 | .6 | 1.3 | .3 | .1 | | | | | | 3.4 | 11.0 |
| WNW | .3 | .6 | 1.3 | 1.3 | 1.0 | .3 | | | | | | 5.1 | 12.0 |
| NW | .5 | .5 | 1.8 | 1.9 | 1.0 | .1 | | | | | | 5.9 | 11.4 |
| NNW | .1 | .4 | 1.2 | 2.6 | 1.5 | .1 | .1 | | | | | 6.0 | 13.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 2.8 | |
| | 6.5 | 12.7 | 32.2 | 55.6 | 8.8 | 1.4 | .1 | | | | | 100.0 | 10.3 |

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03533 STATION FORT HOOD TEXAS/FORT HOOD AAF STATION NAME 61-70 YEARS MONTH 1A00-2000 HOURS (LST)
ALL WEATHER CLASS
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------|
| N | 1.0 | 1.0 | 2.9 | 3.2 | .3 | | | | | | | 2.0 | 3.1 |
| NNE | .5 | 1.0 | 1.7 | 1.6 | .2 | | | | | | | 5.1 | 8.2 |
| NE | 1.2 | 1.4 | .9 | .2 | | | | | | | | 3.7 | 5.1 |
| ENE | .5 | 1.0 | .5 | .2 | | | | | | | | 2.3 | 5.9 |
| E | 2.0 | 2.2 | 1.5 | .2 | | | | | | | | 5.9 | 5.2 |
| ESE | .6 | 2.9 | 1.4 | .4 | .2 | | | | | | | 5.6 | 6.4 |
| SE | 1.2 | 4.0 | 4.2 | 2.9 | .3 | | | | | | | 12.6 | 8.5 |
| SSE | 1.1 | 3.2 | 7.6 | 4.1 | .8 | | | | | | | 16.8 | 9.0 |
| S | .8 | 1.9 | 5.4 | 4.0 | .9 | .2 | | | | | | 13.1 | 10.0 |
| SSW | .3 | .5 | .4 | .8 | .1 | | | | | | | 2.2 | 8.9 |
| SW | .1 | | .3 | | | | | | | | | .4 | 6.3 |
| WSW | .4 | .3 | .2 | .2 | | | | | | | | 1.2 | 6.3 |
| W | .1 | .3 | .8 | .6 | .2 | | | | | | | 2.0 | 10.2 |
| WNW | .6 | .9 | .4 | .5 | .1 | | | | | | | 2.6 | 7.0 |
| NW | .3 | 1.7 | 1.4 | 1.0 | | .2 | | | | | | 4.6 | 8.5 |
| NNW | .2 | 1.4 | 2.4 | 2.3 | .4 | .1 | | | | | | 6.8 | 10.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 6.2 | |
| | 11.1 | 24.3 | 32.0 | 22.3 | 3.5 | .5 | | | | | | 100.0 | 7.9 |

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03032 STATION FORT HODGE TEXAS/FORT HODGE AAF STATION NAME 61-70 YEARS 4R MONTH 2100-2300 HOURS (LST)
ALL WEATHER CLASS
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------|
| N | 1.3 | 1.9 | 2.4 | 2.0 | .5 | | | | | | | 8.1 | 1.7 |
| NNE | .4 | 1.2 | 1.9 | 1.1 | .2 | .1 | | | | | | 4.9 | 9.0 |
| NE | 1.0 | .4 | 1.0 | .1 | .1 | .1 | | | | | | 2.7 | 7.0 |
| ENE | .9 | .5 | .2 | .2 | | | | | | | | 1.9 | 5.1 |
| E | .9 | .9 | .9 | .1 | | | | | | | | 2.7 | 5.6 |
| ESE | 1.6 | 2.3 | .5 | .3 | .1 | | | | | | | 4.9 | 5.2 |
| SE | 1.1 | 2.7 | 3.7 | 2.2 | .4 | | | | | | | 10.1 | 9.2 |
| SSE | .9 | 4.6 | 7.4 | 4.6 | .7 | | | | | | | 18.1 | 8.9 |
| S | .5 | 2.5 | 4.1 | 3.3 | 1.1 | .1 | | | | | | 11.7 | 9.9 |
| SSW | .2 | .8 | .9 | .2 | .4 | .2 | | | | | | 2.7 | 10.4 |
| SW | .7 | .3 | .2 | | | | | | | | | 1.2 | 4.2 |
| WSW | .1 | .2 | .2 | .1 | | | | | | | | .7 | 6.3 |
| W | | .7 | .2 | .3 | | | | | | | | 1.2 | 7.9 |
| WNW | .8 | 1.0 | .7 | .3 | | | | | | | | 2.7 | 5.9 |
| NW | .4 | 1.4 | 1.4 | .5 | .1 | | | | | | | 3.9 | 7.1 |
| NNW | .8 | 2.0 | 2.2 | 2.0 | .4 | .2 | | | | | | 7.5 | 9.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 14.9 | |
| | 11.6 | 23.3 | 27.9 | 17.3 | 4.1 | .9 | | | | | | 100.0 | 7.0 |

TOTAL NUMBER OF OBSERVATIONS 917

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03933 STATION FORT HOOD TEXAS/FORT HOOD AAF 61-70 YEARS APR MONTH
ALL WEATHER CLASS 0000-0200 HOURS (L.S.T.)
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------|
| N | .6 | 2.2 | .8 | 2.2 | .1 | | | | | | | 6.1 | 8.3 |
| NNE | .3 | 1.1 | 1.3 | .4 | .1 | | | | | | | 3.3 | 7.6 |
| NE | .3 | .4 | .3 | .4 | | | | | | | | 1.6 | 7.2 |
| ENE | .3 | .3 | .4 | .2 | | | | | | | | 1.3 | 7.3 |
| E | .6 | .8 | .7 | .6 | | | | | | | | 2.8 | 6.8 |
| ESE | .8 | .7 | .9 | .6 | | | | | | | | 2.9 | 6.7 |
| SE | 1.9 | 1.6 | 2.1 | 1.7 | .1 | | | | | | | 7.3 | 7.3 |
| SSE | .9 | 4.3 | 5.4 | 8.3 | .8 | | | | | | | 19.8 | 9.8 |
| S | 1.8 | 4.6 | 8.4 | 7.7 | 1.2 | .4 | | | | | | 24.1 | 9.6 |
| SSW | .7 | .8 | .7 | 1.3 | .6 | .3 | | | | | | 4.3 | 11.2 |
| SW | .1 | .8 | .4 | .1 | | | | | | | | 1.4 | 6.2 |
| WSW | .3 | .3 | .2 | | | | | | | | | .9 | 4.5 |
| W | .6 | .3 | .3 | .3 | | | | | | | | 1.6 | 6.4 |
| WNW | 1.0 | .7 | .3 | | .1 | | .1 | | | | | 2.2 | 6.1 |
| NW | .3 | 1.4 | .6 | .4 | | | | | | | | 2.8 | 6.6 |
| NNW | .6 | 1.3 | 1.0 | .9 | | | | | | | | 3.8 | 7.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 13.8 | |
| | 11.6 | 21.7 | 24.0 | 25.2 | 3.0 | .8 | .1 | | | | | 100.0 | 7.5 |

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03933 STATION FORT HODD TEXAS/FORT HODD AAF STATION NAME 61-70 YEARS 4PM NORTH
ALL WEATHER CLASS 0600-0300 HOURS (LST)
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .4 | 1.9 | 2.3 | 1.9 | .3 | .1 | | | | | | 7.0 | 2.3 |
| NNE | .6 | .6 | 2.1 | .7 | | | | | | | | 3.9 | 8.0 |
| NE | .1 | .2 | 1.0 | .2 | | | | | | | | 1.6 | 9.1 |
| ENE | .6 | .4 | .3 | .2 | | | | | | | | 1.6 | 6.3 |
| E | .6 | 1.3 | 1.4 | .1 | | | | | | | | 3.4 | 5.9 |
| ESE | .9 | 1.4 | .6 | .1 | | | | | | | | 3.0 | 5.2 |
| SE | 1.9 | 2.3 | 2.1 | .9 | | | | | | | | 7.2 | 6.5 |
| SSE | 2.1 | 3.1 | 3.0 | 2.7 | .1 | | | | | | | 13.0 | 7.8 |
| S | 2.4 | 5.1 | 10.0 | 4.1 | .2 | | | | | | | 21.9 | 9.0 |
| SSW | .9 | 1.7 | 1.9 | .8 | .2 | | | | | | | 5.4 | 7.7 |
| SW | .3 | .9 | 1.4 | .2 | | | | | | | | 2.9 | 7.0 |
| WSW | .8 | .6 | .4 | | | | | | | | | 1.8 | 4.4 |
| W | .7 | 1.3 | .6 | .2 | | | | | | | | 2.8 | 5.5 |
| WNW | .9 | 1.0 | .1 | .7 | .6 | .1 | | | | | | 3.3 | 8.7 |
| NW | .6 | 1.2 | 1.3 | .2 | | .1 | | | | | | 3.4 | 7.2 |
| NNW | .8 | 1.6 | 1.1 | .4 | .2 | | | | | | | 4.1 | 7.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 13.7 | |
| | 14.4 | 24.7 | 31.8 | 13.4 | 1.7 | .3 | | | | | | 100.0 | 6.5 |

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03033 STATION FORT HODD TEXAS/FORT HODD AAF STATION NAME 61-70 YEARS APR MONTH 0900-1100 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------|
| N | .3 | .9 | 2.0 | 3.0 | .7 | | | | | | | 6.9 | 10.9 |
| NNE | | .3 | 2.0 | 1.4 | .1 | | | | | | | 3.9 | 10.3 |
| NE | .1 | .4 | .9 | 1.0 | | | | | | | | 2.4 | 7.0 |
| ENE | .1 | .3 | 1.0 | .3 | .1 | | | | | | | 2.0 | 7.3 |
| E | .5 | .9 | 1.1 | .2 | | | | | | | | 3.0 | 6.3 |
| SSE | .4 | 1.1 | 3.1 | 1.1 | | | | | | | | 5.9 | 8.3 |
| SE | .2 | 1.1 | 2.1 | 1.6 | .1 | | | | | | | 3.3 | 7.1 |
| SSE | .2 | 1.4 | 4.8 | 6.0 | .6 | | | | | | | 13.0 | 10.7 |
| S | .7 | 3.6 | 9.8 | 9.8 | .6 | .1 | | | | | | 24.7 | 10.2 |
| SSW | .4 | .9 | 2.4 | 3.7 | .9 | .3 | | | | | | 8.7 | 11.6 |
| SW | .6 | .7 | 1.4 | 1.4 | .2 | | | | | | | 4.3 | 7.5 |
| WSW | .7 | .6 | 1.3 | .1 | | | | | | | | 2.7 | 6.4 |
| W | .6 | 1.3 | .8 | .2 | .1 | | | | | | | 3.0 | 6.5 |
| WNW | .7 | .9 | .9 | .7 | .3 | .1 | | | | | | 3.6 | 8.4 |
| NW | .4 | .7 | .7 | .9 | .3 | | | | | | | 3.0 | 9.6 |
| NNW | .4 | .8 | 1.0 | 1.8 | .6 | | | | | | | 4.6 | 10.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.2 | |
| | 6.7 | 15.9 | 35.3 | 33.4 | 4.8 | .6 | | | | | | 100.0 | 9.5 |

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING DIVISION
LTAC/USA
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 03033 FORT HOOD TEXAS/FORT HOOD AAF STATION NAME 61-70 YEARS MONTH 1200-1400 HOURS (L.S.T.)
CLASS ALL WEATHER
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------|
| N | .1 | .3 | 2.9 | 2.7 | .3 | .1 | | | | | | 6.4 | 10.9 |
| NNE | | .4 | 1.8 | 2.1 | .2 | | | | | | | 4.6 | 10.7 |
| NE | .2 | 1.0 | 1.4 | .7 | | | | | | | | 3.3 | 9.2 |
| ENE | | .6 | 1.6 | .6 | | | | | | | | 2.7 | 8.7 |
| E | .4 | 1.8 | .8 | .1 | | | | | | | | 3.1 | 9.8 |
| ESE | .1 | .7 | 2.6 | .3 | | | | | | | | 3.7 | 8.0 |
| SE | .6 | 2.0 | 2.4 | 1.9 | .2 | .1 | | | | | | 7.1 | 9.0 |
| SSE | .3 | 1.6 | 7.0 | 6.0 | .9 | | | | | | | 15.8 | 12.4 |
| S | .4 | 1.4 | 11.9 | 10.9 | 2.1 | .1 | | | | | | 26.9 | 11.2 |
| SSW | .2 | .7 | 1.8 | 1.7 | .4 | .2 | | | | | | 5.0 | 11.7 |
| SW | .1 | .3 | 1.4 | 1.2 | .3 | | | | | | | 3.4 | 10.6 |
| WSW | .1 | .4 | .7 | .4 | | | | | | | | 1.7 | 8.5 |
| W | .6 | .6 | .9 | .3 | | | | | | | | 2.3 | 6.7 |
| WNW | .4 | .7 | .7 | .9 | .3 | | | | | | | 2.9 | 9.4 |
| NW | 1.0 | 1.2 | .4 | .9 | .1 | | | | | | | 4.1 | 7.5 |
| NNW | .3 | .3 | 1.8 | 1.8 | .4 | | | | | | | 4.7 | 10.6 |
| VARBL | | | | | | | | | | | | | |
| CAUI | | | | | | | | | | | | 2.3 | |
| | 4.8 | 14.0 | 40.4 | 32.4 | 3.4 | .6 | | | | | | 100.0 | 9.9 |

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 03033 FORT HOOD TEXAS/FORT HOOD AAF 61-70 YEARS APR MONTH
CLASS ALL WEATHER 1500-1700 HOURS (LST)
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .4 | 1.2 | 2.9 | 3.1 | .4 | | | | | | | 2.2 | 12.2 |
| NNE | .2 | .6 | 1.3 | 1.6 | .4 | | | | | | | 4.1 | 10.5 |
| NE | .1 | .2 | 1.2 | .7 | | | | | | | | 2.2 | 4.9 |
| ENE | .1 | 1.0 | 1.6 | 1.0 | .2 | | | | | | | 3.9 | 9.1 |
| E | .3 | 1.1 | 1.8 | .3 | | | | | | | | 3.6 | 7.0 |
| ESE | .6 | .4 | 2.2 | 1.0 | | .1 | | | | | | 4.4 | 8.6 |
| SE | .1 | 2.2 | 2.2 | 3.4 | .3 | | | | | | | 8.3 | 9.9 |
| SSE | .4 | 2.2 | 5.9 | 9.2 | 1.4 | | | | | | | 19.2 | 11.1 |
| S | .6 | 2.3 | 8.1 | 9.9 | 2.4 | .2 | | | | | | 23.6 | 11.1 |
| SSW | .4 | 1.3 | 1.7 | 1.1 | .3 | .4 | | | | | | 5.3 | 9.9 |
| SW | | .4 | 1.0 | .3 | | .2 | | | | | | 2.0 | 10.5 |
| WSW | .1 | .5 | .4 | | | | | | | | | 1.1 | 6.0 |
| W | .4 | .9 | .7 | .2 | .1 | .1 | | | | | | 2.4 | 7.8 |
| WNW | .7 | .9 | .7 | .4 | .2 | | | | | | | 2.9 | 7.3 |
| NW | .3 | 1.0 | 1.1 | .9 | .1 | | | | | | | 3.4 | 8.3 |
| NNW | .3 | .4 | 1.3 | 1.6 | .2 | | | | | | | 3.9 | 10.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.3 | |
| | 5.2 | 17.0 | 34.1 | 34.8 | 6.4 | 1.1 | | | | | | 100.0 | 9.9 |

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03933 STATION NAME: FORT HODD TEXAS/FORT HODD AFB YEARS: 61-70 MONTH: ALL NORTH
CLASS: ALL WEATHER HOURS (LST): 1800-2200
CONDITION:

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------|
| N | .6 | 3.1 | 3.1 | 1.7 | .1 | | | | | | | 8.6 | 8.0 |
| NNE | .5 | .8 | 1.6 | .6 | .2 | | | | | | | 3.9 | 7.7 |
| NE | .8 | 1.7 | 1.2 | .1 | .1 | | | | | | | 2.3 | 4.6 |
| ENE | .8 | 1.4 | 1.6 | .6 | | | | | | | | 4.3 | 6.9 |
| E | 1.8 | 2.3 | 1.2 | .3 | | | | | | | | 5.7 | 5.1 |
| ESE | 1.1 | 2.1 | 2.2 | 1.2 | .1 | | | | | | | 6.8 | 7.4 |
| SE | 1.2 | 3.1 | 3.3 | 3.1 | .7 | .2 | | | | | | 11.7 | 9.2 |
| SSE | 1.2 | 4.4 | 7.9 | 6.0 | .8 | .1 | | | | | | 20.6 | 9.2 |
| S | .9 | 3.3 | 6.0 | 5.7 | 2.0 | .4 | | | | | | 18.6 | 10.5 |
| SSW | .1 | .6 | .6 | .2 | .1 | | | | | | | 1.6 | 8.2 |
| SW | | .3 | | .1 | | | | | | | | .4 | 6.0 |
| WSW | .4 | | | | | | | | | | | .4 | 2.0 |
| W | .4 | .2 | | .2 | .2 | | | | | | | 1.1 | 3.8 |
| WNW | .4 | .6 | | .2 | | | | | | | | 1.2 | 5.6 |
| NW | .4 | 1.6 | .4 | .4 | .2 | | | | | | | 3.1 | 7.0 |
| NNW | .6 | .7 | .4 | .8 | .1 | | | | | | | 2.6 | 3.2 |
| VARGL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 6.2 | |
| | 11.6 | 25.8 | 29.6 | 21.4 | 4.7 | .6 | | | | | | 100.0 | 8.0 |

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03033 STATION FORT HODD TEXAS/FORT HODD AAF 61-70 YEARS MONTH 12
CLASS ALL WEATHER HOURS (LST) 2100-2300
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.2 | 3.0 | 2.4 | 1.1 | | | | | | | | 7.9 | 6.6 |
| NNE | .9 | 1.6 | .4 | .2 | .1 | | | | | | | 3.2 | 6.1 |
| NE | .2 | .6 | .7 | .4 | | | | | | | | 1.9 | 7.4 |
| ENE | .4 | .9 | 1.2 | .2 | | | | | | | | 2.8 | 6.7 |
| E | 1.4 | 1.8 | 1.0 | .4 | | | | | | | | 4.7 | 5.7 |
| ESE | 1.4 | 1.2 | 1.2 | .8 | | | | | | | | 4.7 | 6.2 |
| SE | 1.7 | 2.9 | 2.9 | 4.6 | 1.6 | | | | | | | 13.4 | 9.8 |
| SSE | 3.2 | 4.0 | 5.7 | 6.9 | .8 | | | | | | | 20.6 | 8.9 |
| S | 1.1 | 2.3 | 5.9 | 5.7 | 1.9 | .8 | | | | | | 17.7 | 10.9 |
| SSW | .3 | .8 | .1 | .7 | .1 | | | | | | | 2.0 | 8.8 |
| SW | | .6 | .1 | | | | | | | | | .7 | 6.2 |
| WSW | .1 | .3 | .2 | .1 | | | | | | | | .8 | 4.7 |
| W | .1 | .3 | .2 | .1 | | | | | | | | 1.0 | 5.6 |
| WNW | .6 | .3 | .1 | .1 | .2 | | | | | | | 1.3 | 6.9 |
| NW | .9 | .8 | .3 | .4 | | .1 | | | | | | 2.6 | 6.7 |
| NNW | .4 | 1.1 | .4 | .4 | .1 | | | | | | | 2.6 | 7.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 12.3 | |
| | 14.3 | 22.4 | 23.1 | 22.2 | 4.7 | .9 | | | | | | 100.0 | 7.4 |

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03933
STATION

FORT HOOD TEXAS/FORT HOOD AAF
STATION NAME

61-70
YEARS

DAY
MONTH

ALL WEATHER
CLASS

0000-0000
HOURS (LST)

CONDITION

| SPEED (KNTS) DIR. | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | ≥56 | % | MEAN WIND SPEED |
|-------------------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-----|-------|-----------------------|
| N | 1.2 | 1.9 | 2.0 | 1.5 | .1 | | | | | | | 6.8 | 1.4 |
| NNE | .3 | .3 | .4 | .4 | | | | | | | | 1.7 | 1.4 |
| NE | .4 | .8 | .3 | .3 | | | | | | | | 2.2 | 5.5 |
| ENE | .3 | .7 | .6 | | | | | | | | | 1.2 | 5.8 |
| E | 1.7 | 1.2 | .8 | | | | | | | | | 3.7 | 4.3 |
| ESE | 1.3 | 1.5 | .9 | .3 | .3 | | | | | | | 4.3 | 6.3 |
| SE | 2.0 | 3.0 | 2.7 | 1.5 | .6 | | | | | | | 9.9 | 7.6 |
| SSE | 1.3 | 2.7 | 7.1 | 6.6 | .5 | | | | | | | 18.2 | 9.5 |
| S | 1.5 | 9.0 | 8.4 | 6.5 | 1.3 | .1 | | | | | | 23.8 | 9.1 |
| SSW | .6 | 1.0 | 1.5 | 1.2 | | | | | | | | 4.3 | 8.0 |
| SW | .2 | .2 | .1 | .1 | | | | | | | | .6 | 5.5 |
| WSW | .2 | .1 | .1 | | | | | | | | | .4 | 5.0 |
| W | .3 | | | .1 | | | | | | | | .4 | 5.0 |
| WNW | .3 | | | .1 | | | | | | | | .4 | 4.5 |
| NW | .3 | .4 | .9 | .1 | .1 | | | | | | | 1.4 | 7.1 |
| NNW | .5 | .5 | 1.2 | .6 | | | | | | | | 2.9 | 7.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 17.8 | |
| | 13.0 | 20.1 | 26.6 | 19.4 | 3.0 | .1 | | | | | | 100.0 | 6.7 |

TOTAL NUMBER OF OBSERVATIONS

930

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03933 STATION FORT HOOD TEXAS/FORT HOOD AAF 61-70 YEAR MONTH DAY
0390-0500
HOURS (LST)
ALL WEATHER CLASS
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------|
| N | 1.1 | 2.5 | 2.0 | .4 | | | | | | | | 6.0 | 6.2 |
| NNE | .2 | 1.5 | 1.0 | .3 | | | | | | | | 3.0 | 6.9 |
| NE | .3 | .3 | .5 | | | .1 | | | | | | 1.3 | 7.4 |
| ENE | .3 | .3 | .3 | | | | | | | | | 1.0 | 5.2 |
| E | 1.7 | .8 | 1.0 | .1 | | | | | | | | 3.4 | 4.7 |
| ESE | 1.1 | 1.1 | .4 | .3 | .1 | | | | | | | 3.0 | 5.0 |
| SE | 1.4 | 2.3 | 3.1 | 1.0 | .4 | | | | | | | 8.2 | 7.6 |
| SSE | 2.4 | 5.8 | 7.5 | 4.0 | .1 | | | | | | | 19.8 | 7.7 |
| S | 1.9 | 6.0 | 7.6 | 4.9 | .3 | | | | | | | 20.9 | 8.0 |
| SSW | .9 | .9 | 1.5 | .2 | | | | | | | | 4.1 | 7.6 |
| SW | .2 | .1 | .2 | | | | | | | | | .5 | 5.4 |
| WSW | .1 | .1 | | | | | | | | | | .4 | 4.0 |
| W | .2 | .1 | .2 | .1 | | | | | | | | .6 | 6.2 |
| WNW | .5 | .2 | | | | | | | | | | 1.2 | 3.5 |
| NW | 1.6 | .3 | .6 | .1 | | | | | | | | 2.7 | 4.0 |
| NNW | .3 | 1.4 | 1.0 | .4 | .1 | | | | | | | 3.4 | 7.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 20.3 | |
| | 14.6 | 24.2 | 27.1 | 12.6 | 1.1 | .1 | | | | | | 100.0 | 5.7 |

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/4AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 03931 FORT HOOD TEXAS/FORT HOOD AAF 41-70 YEARS 1-1 MONTH 0400-0800
CLASS ALL WEATHER
CONDITION

| SPEED (KNTS) DIR. | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | ≥56 | % | MEAN WIND SPEED |
|----------------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-----|-------|-----------------|
| N | .5 | 2.2 | 2.3 | 1.0 | | | | | | | | 5.9 | 7.2 |
| NNE | .5 | 1.1 | 1.2 | .5 | .1 | | | | | | | 3.4 | 7.2 |
| NE | .1 | .6 | .4 | .1 | | | | | | | | 1.3 | 6.5 |
| NNE | .5 | .8 | .2 | | | | | | | | | 1.5 | 4.7 |
| E | 1.1 | 1.4 | 1.2 | .3 | .1 | | | | | | | 4.1 | 6.0 |
| ESE | 1.1 | 1.4 | 1.5 | .4 | | | | | | | | 4.4 | 6.3 |
| SE | 1.7 | 4.5 | 2.5 | .5 | .4 | | | | | | | 9.7 | 6.5 |
| SSE | 1.6 | 4.2 | 2.4 | 3.3 | .3 | | | | | | | 17.1 | 8.4 |
| S | 1.7 | 6.1 | 8.5 | 4.4 | .6 | | | | | | | 21.4 | 8.3 |
| SSW | .5 | 1.2 | 1.5 | 1.1 | .1 | | | | | | | 4.4 | 7.9 |
| WSW | .1 | .5 | 1.0 | .1 | | | | | | | | 1.7 | 7.5 |
| W | .3 | .4 | .1 | | | | | | | | | .9 | 4.1 |
| WNW | .4 | .3 | .1 | | | | | | | | | .9 | 3.6 |
| WNW | .5 | .1 | .1 | .2 | | | | | | | | .9 | 3.1 |
| NW | 1.1 | 1.0 | .5 | .3 | | .1 | | | | | | 3.0 | 6.3 |
| NNW | .5 | 1.4 | 1.3 | .4 | | | | | | | | 4.1 | 7.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 15.4 | |
| | 12.6 | 27.2 | 29.8 | 13.0 | 1.9 | .1 | | | | | | 100.0 | 6.3 |

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03933 STATION FORT HODD TEXAS/FORT HODD AAF 61-70 MONTH MAY
STATION NAME YEARS MONTH
ALL WEATHER CLASS 0900-1100
CONDITION HOURS (LST)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .4 | 1.0 | 2.2 | 2.3 | | | | | | | | 5.4 | 7.1 |
| NNE | .2 | 1.6 | 1.4 | 1.0 | | | | | | | | 4.2 | 5.1 |
| NE | | 1.3 | 1.5 | .3 | .1 | | | | | | | 3.7 | 7.8 |
| ENE | .1 | .6 | .6 | .2 | .2 | | | | | | | 1.8 | 3.6 |
| E | .4 | 1.4 | 1.1 | .6 | .1 | | | | | | | 3.7 | 7.4 |
| ESE | .4 | 1.6 | 2.3 | .6 | .3 | | | | | | | 5.6 | 7.7 |
| SE | .4 | 1.8 | 3.9 | 1.7 | .2 | | | | | | | 8.1 | 8.8 |
| SSE | .9 | 2.7 | 7.0 | 4.1 | .2 | .1 | | | | | | 14.9 | 9.1 |
| S | 1.1 | 4.3 | 12.0 | 13.4 | 1.9 | | | | | | | 32.8 | 10.5 |
| SSW | .4 | 1.3 | 2.4 | 1.8 | .3 | .1 | .1 | | | | | 6.5 | 9.9 |
| SW | .2 | .3 | 1.6 | .4 | | | | | | | | 2.6 | 8.5 |
| WSW | .2 | .4 | .3 | | | | | | | | | 1.0 | 5.8 |
| W | .4 | 1.0 | .4 | | | | | | | | | 1.8 | 4.6 |
| WNW | .2 | .4 | .2 | | | | | | | | | .9 | 5.4 |
| NW | .3 | .3 | | | | | | | | | | .6 | 3.8 |
| NNW | .2 | .2 | .6 | 1.3 | | | | | | | | 2.4 | 10.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 4.2 | |
| | 6.3 | 20.3 | 37.5 | 27.8 | 3.4 | .2 | .1 | | | | | 100.0 | 8.8 |

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03033 STATION FORT HEND TEXAS/FORT HEND AAF 61-70 YEARS MONTH 1200-1400 HOURS (LST)
CLASS ALL WEATHER
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------|
| N | .1 | .9 | 2.0 | 2.0 | | | | | | | | 3.1 | 7.9 |
| NNE | .4 | 1.1 | 1.2 | 1.1 | | | | | | | | 4.1 | 7.8 |
| NE | .4 | 1.3 | 1.9 | .2 | .1 | | | | | | | 3.9 | 7.5 |
| ENE | .0 | 1.2 | .5 | .1 | | | | | | | | 2.6 | 5.4 |
| E | .5 | 1.2 | 1.2 | 1.0 | | | | | | | | 3.9 | 7.6 |
| ESE | .5 | .9 | 3.2 | 1.0 | | | | | | | | 5.6 | 9.2 |
| SE | .8 | 2.4 | 3.9 | 2.7 | .4 | .1 | | | | | | 10.2 | 9.2 |
| SSE | .4 | 2.4 | 7.7 | 5.8 | 1.3 | .3 | | | | | | 18.0 | 10.4 |
| S | .6 | 3.0 | 4.9 | 12.9 | 2.0 | .1 | | | | | | 27.6 | 11.3 |
| SSW | .1 | .9 | 2.3 | 1.9 | .4 | .1 | | | | | | 6.8 | 10.4 |
| SW | .3 | .9 | 1.0 | .2 | .1 | | | | | | | 2.8 | 7.6 |
| WSW | .1 | .5 | .2 | | | | | | | | | .9 | 5.6 |
| W | .3 | .5 | .1 | .1 | | | | | | | | 1.1 | 5.5 |
| WNW | .1 | | .2 | .3 | .1 | | | | | | | .8 | 10.4 |
| NW | | .2 | | .1 | | | | | | | | .3 | 7.3 |
| NNW | .3 | .8 | .8 | 1.4 | .1 | | | | | | | 3.3 | 9.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.5 | |
| | 6.1 | 18.0 | 36.2 | 30.9 | 4.6 | .6 | | | | | | 100.0 | 9.3 |

TOTAL NUMBER OF OBSERVATIONS 730

5

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03033 STATION FORT HOOD TEXAS/FORT HOOD AAF 61-70 YEARS MONTH 1500-1700
STATION NAME CLASS HOURS (L S T.)

ALL WEATHER

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .3 | 1.1 | 1.4 | 1.8 | .4 | | | | | | | 5.2 | 9.8 |
| NNE | .5 | 1.3 | 1.0 | 1.2 | | | | | | | | 4.0 | 7.5 |
| NE | .1 | .8 | 1.5 | .5 | .1 | | | | | | | 3.0 | 9.4 |
| ENE | .4 | 1.9 | 1.1 | .2 | | | | | | | | 3.7 | 6.7 |
| E | .0 | 2.6 | 2.6 | 1.2 | .1 | | | | | | | 7.1 | 7.4 |
| ESE | .2 | 1.5 | 3.0 | 1.8 | .1 | .1 | | | | | | 6.8 | 9.2 |
| SE | .1 | 2.0 | 5.3 | 4.9 | 1.1 | .1 | | | | | | 13.5 | 17.5 |
| SSE | .5 | 1.4 | 6.5 | 7.6 | 1.8 | .1 | | | | | | 18.0 | 11.4 |
| S | .2 | 2.6 | 8.2 | 10.6 | 2.8 | .6 | | | | | | 25.4 | 11.8 |
| SSW | .1 | .3 | 1.6 | .8 | .4 | .2 | | | | | | 3.7 | 11.0 |
| SW | .2 | .8 | 1.0 | .1 | | | | | | | | 2.0 | 7.1 |
| WSW | .4 | .3 | .1 | .1 | | | | | | | | 1.0 | 4.6 |
| W | .1 | .1 | | | | | | | | | | .2 | 4.5 |
| WNW | .2 | .2 | .3 | | | | | | | | | .8 | 5.4 |
| NW | .3 | .1 | 1.2 | .1 | | .1 | | | | | | 1.8 | 8.7 |
| NNW | .1 | .4 | 1.2 | .6 | | | | | | | | 2.4 | 8.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.6 | |
| | 4.9 | 17.6 | 35.9 | 31.7 | 6.9 | 1.3 | | | | | | 100.0 | 7.7 |

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 03933 FORT HOOD TEXAS/FORT HOOD CAF STATION NAME 61-70 YEARS MAY MONTH
CLASS ALL WEATHER HOURS (LST) 1800-2000

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .4 | 1.5 | 1.9 | 1.1 | .1 | .1 | | | | | | 5.2 | 3.6 |
| NNE | 1.0 | 1.0 | 1.3 | .5 | .1 | | | | | | | 3.9 | 4.8 |
| NE | .8 | 1.0 | .9 | .5 | | | | | | | | 3.1 | 6.4 |
| ENE | 1.2 | .9 | .5 | .2 | | | | | | | | 2.8 | 4.6 |
| E | 2.8 | 3.5 | 1.7 | .4 | | | | | | | | 8.5 | 5.2 |
| ESE | .9 | 3.9 | 4.1 | 2.8 | .9 | | | | | | | 12.5 | 8.7 |
| SE | 1.4 | 3.0 | 4.4 | 3.3 | 1.0 | | | | | | | 13.1 | 9.0 |
| SSE | .8 | 4.3 | 8.1 | 8.9 | 1.1 | .2 | | | | | | 23.3 | 10.1 |
| S | .5 | 3.5 | 5.5 | 5.9 | 2.8 | .2 | | | | | | 18.3 | 11.1 |
| SSW | | .3 | .2 | .4 | .1 | | | | | | | 1.1 | 10.2 |
| SW | | .1 | .3 | .1 | | | | | | | | .8 | 7.4 |
| WSW | | .1 | | | | | | | | | | .1 | 4.0 |
| W | | | | | | | | | | | | | |
| WNW | .2 | .1 | | | | | | | | | | .3 | 2.7 |
| NW | .1 | .4 | .2 | .1 | | | | | | | | .9 | 6.4 |
| NNW | | .5 | 1.0 | .3 | | | | | | | | 1.8 | 7.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 4.4 | |
| | 10.2 | 24.2 | 29.9 | 24.7 | 6.0 | .5 | | | | | | 100.0 | 11.5 |

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03433 STATION FORT HODD TEXAS/FORT HODD AAF STATION NAME 1-70 YEARS MAY MONTH 2100-2300 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------|
| N | 1.0 | 1.2 | 1.9 | 1.2 | | | | | | | | 5.4 | 7.5 |
| NNE | .4 | 1.1 | .6 | .2 | | | | | | | | 2.5 | 5.9 |
| NE | .6 | .9 | .5 | .1 | | | | | | | | 2.2 | 5.4 |
| NNE | 1.0 | 1.0 | .5 | .2 | | | | | | | | 2.7 | 4.8 |
| E | 1.4 | 3.0 | .6 | .3 | .1 | | | | | | | 5.5 | 11.3 |
| ESE | 1.8 | 2.8 | 2.3 | .5 | .2 | .2 | | | | | | 7.8 | 6.7 |
| SE | 2.4 | 2.7 | 3.8 | 2.9 | 1.0 | .1 | | | | | | 12.8 | 8.5 |
| SSE | 1.0 | 4.7 | 7.1 | 9.4 | 1.1 | | | | | | | 23.2 | 9.9 |
| S | 1.7 | 2.8 | 5.6 | 5.5 | 1.4 | .2 | | | | | | 17.2 | 10.0 |
| SSW | .3 | | .6 | .6 | .1 | | | | | | | 1.7 | 10.1 |
| SW | | | .2 | | | | | | | | | .2 | 9.0 |
| WSW | | .1 | | | | | | | | | | .1 | 4.0 |
| W | .1 | .1 | | | .1 | | | | | | | .3 | 7.0 |
| WNW | .2 | .2 | .1 | | | | | | | | | .5 | 4.4 |
| NW | .3 | .4 | .1 | .1 | | | | | | | | 1.0 | 5.0 |
| NNW | .4 | .9 | 1.5 | .1 | .1 | | | | | | | 3.0 | 7.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 13.9 | |
| | 12.7 | 22.0 | 25.6 | 21.2 | 4.1 | .5 | | | | | | 100.0 | 7.2 |

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03933
STATION

FORT HOOD TEXAS/FORT HOOD AAF
STATION NAME

01-70
YEARS

1-12
MONTH

ALL RELATIVES
CLASS

0000-0700
HOURS (L & T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .6 | .4 | .3 | | .1 | | | | | | | 1.4 | 5.9 |
| NNE | 1.8 | .6 | .6 | .3 | | | | | | | | 2.4 | 6.0 |
| NE | .8 | .7 | .3 | | .1 | | | | | | | 1.9 | 5.0 |
| ENE | 1.1 | .2 | .1 | .3 | | | | | | | | 1.8 | 4.8 |
| E | 1.1 | .0 | .3 | .1 | | | | | | | | 2.1 | 4.1 |
| ESE | 2.1 | .9 | .2 | | | | | | | | | 3.2 | 3.6 |
| SE | 2.6 | 2.0 | .9 | .6 | .1 | | | | | | | 6.1 | 3.6 |
| SSE | 2.9 | 5.2 | 6.8 | 4.2 | .1 | | | | | | | 19.2 | 7.8 |
| S | 3.3 | 8.3 | 14.1 | 9.6 | .2 | | | | | | | 35.6 | 8.5 |
| SSW | .4 | 1.8 | 2.3 | .8 | .1 | | | | | | | 5.4 | 7.5 |
| SW | | .7 | .2 | | | | | | | | | .9 | 3.8 |
| WSW | .4 | .1 | .1 | | | | | | | | | .7 | 2.8 |
| W | | .1 | | .1 | | | | | | | | .2 | 2.5 |
| WNW | .3 | | | | | | | | | | | .3 | 2.0 |
| NW | .4 | .6 | .1 | | | | | | | | | 1.1 | 4.2 |
| NNW | .1 | .4 | .1 | | | | | | | | | .7 | 4.5 |
| VAPBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 16.9 | |
| | 12.2 | 22.6 | 26.6 | 16.0 | .8 | | | | | | | 106.0 | 6.0 |

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03933 STATION FORT HODD TEXAS/FORT HODD AAF 61-76 YEARS MONTH JUL
CLASS ALL WEATHER HOURS (LST) 0300-0500
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------|
| N | 1.0 | .8 | .7 | | | | | | | | | 2.4 | 4.9 |
| NNE | .4 | 1.1 | .8 | .2 | | | | | | | | 2.6 | 6.3 |
| NE | .7 | .8 | .3 | .2 | | | | | | | | 2.0 | 5.6 |
| ENE | .3 | .1 | .1 | .2 | | | | | | | | .8 | 7.1 |
| E | .6 | .7 | .4 | | | | | | | | | 1.7 | 9.6 |
| ESE | 1.9 | .6 | .4 | .1 | | | | | | | | 3.0 | 4.1 |
| SE | 2.7 | 3.3 | 1.2 | .4 | .1 | | | | | | | 7.8 | 5.2 |
| SSE | 3.4 | 6.0 | 4.1 | 1.7 | | | | | | | | 15.2 | 6.2 |
| S | 5.0 | 9.1 | 12.7 | 4.6 | .3 | .1 | | | | | | 31.8 | 7.2 |
| SSW | .8 | 2.1 | 2.3 | .9 | .2 | | | | | | | 6.3 | 7.5 |
| SW | 1.1 | .4 | .8 | | | | | | | | | 2.3 | 4.8 |
| WSW | .1 | .1 | .1 | | | | | | | | | .3 | 6.3 |
| W | 1.1 | .3 | .2 | | | | | | | | | 1.7 | 3.7 |
| WNW | .1 | .2 | | | | | | | | | | .3 | 4.7 |
| NW | .3 | .8 | .3 | | | | | | | | | 1.4 | 5.0 |
| NNW | .2 | 1.1 | | | | | | | | | | 1.3 | 4.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 19.0 | |
| | 19.8 | 27.6 | 24.6 | 8.3 | .7 | .1 | | | | | | 100.0 | 5.1 |

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03033 STATION FORT HOOD TEXAS/FORT HOOD AAF 61-74 YEARS 3114 MONTH
ALL WEATHER CLASS 0600-0900 HOURS (L.S.T.)
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 15 | 17 - 21 | 22 - 27 | 29 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------|
| N | .4 | 2.2 | 1.4 | .6 | | | | | | | | 4.7 | 4.0 |
| NNE | .4 | .9 | .4 | .3 | | | | | | | | 2.0 | 2.8 |
| NE | .6 | .8 | .9 | | | | | | | | | 2.2 | 3.7 |
| ENE | .2 | .2 | .3 | .1 | | | | | | | | .9 | 6.6 |
| E | 1.1 | .8 | .6 | | | | | | | | | 2.4 | 4.3 |
| ESE | 2.4 | 1.3 | .0 | .2 | | | | | | | | 4.7 | 4.6 |
| SE | 2.1 | 2.1 | 1.4 | .4 | | | | | | | | 6.1 | 5.4 |
| SSE | 1.4 | 5.6 | 4.8 | 2.1 | .2 | | .1 | .1 | | | | 14.3 | 7.5 |
| S | 3.2 | 8.4 | 11.8 | 6.9 | .4 | | | | | | | 30.8 | 8.0 |
| SSW | 1.6 | 2.1 | 3.2 | 2.2 | .1 | | | | | | | 9.2 | 7.7 |
| SW | .9 | .9 | 1.2 | .3 | | | | | | | | 3.3 | 6.3 |
| WSW | 1.0 | .2 | .1 | .1 | | | | | | | | 1.4 | 4.6 |
| W | .6 | .1 | | .1 | | | | | | | | .8 | 3.9 |
| WNW | .5 | .4 | .3 | .1 | | | | | | | | 1.4 | 3.2 |
| NW | .7 | .3 | .6 | | | | | | | | | 1.6 | 4.9 |
| NNW | .6 | .8 | .3 | .1 | | | | | | | | 1.8 | 5.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 12.3 | |
| | 17.6 | 27.2 | 28.2 | 13.7 | .8 | | .1 | .1 | | | | 100.0 | 6.1 |

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 03031 FORT WIND TEXAS/FORT WIND AAF STATION NAME A1-70 YEARS 10/1 MONTH 0900-1100 HOURS (L.S.T.)
CLASS ALL WEATHER
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------|
| N | .4 | 1.2 | 1.1 | .4 | | | | | | | | 3.8 | 7.5 |
| NNE | .4 | .9 | .8 | .2 | | | | | | | | 2.3 | 4.2 |
| NE | .6 | .8 | 1.3 | .4 | | | | | | | | 3.1 | 6.0 |
| ENE | .3 | .4 | .8 | .2 | | | | | | | | 1.8 | 5.6 |
| E | .8 | 1.1 | .9 | | | | | | | | | 2.8 | 4.5 |
| ESE | .6 | 1.4 | .6 | .3 | | | | | | | | 2.9 | 5.9 |
| SE | .7 | 1.4 | 2.3 | .4 | | | | | | | | 4.9 | 7.2 |
| SSE | .2 | 3.7 | 4.7 | 2.0 | .6 | | | | | | | 11.7 | 9.2 |
| S | 1.0 | 4.9 | 15.6 | 13.1 | .7 | .1 | | | | | | 35.9 | 9.7 |
| SSW | 1.0 | 2.9 | 5.8 | 5.1 | .2 | | | | | | | 15.0 | 9.3 |
| SW | .6 | 2.0 | 1.9 | .6 | .1 | | | | | | | 5.1 | 7.2 |
| WSW | .3 | .8 | .6 | .1 | | | | | | | | 1.8 | 6.4 |
| W | .3 | .6 | .1 | | | | | | | | | 1.2 | 4.8 |
| WNW | | .1 | .2 | | | | | | | | | .3 | 6.0 |
| NW | .4 | .7 | .7 | .4 | | | | | | | | 2.2 | 7.0 |
| NNW | .2 | .4 | .7 | .2 | | | | | | | | 1.6 | 7.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.7 | |
| | 8.6 | 23.1 | 37.9 | 25.1 | 1.0 | .1 | | | | | | 100.0 | 8.2 |

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/HAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 03037 FORT HIND TEXAS/FORT HIND AAF STATION NAME 61-76 YEARS MONTH 3 1960-1960 HOURS (LST) 1200-1400
CLASS ALL WEATHER
CONDITION

| SPEED (KNTS) DIR. | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | ≥56 | % | MEAN WIND SPEED |
|-------------------|-----|------|------|-------|-------|-------|-------|-------|-------|-------|-----|-------|-----------------|
| N | .1 | 1.3 | 1.4 | .6 | | | | | | | | 3.4 | 7.5 |
| NNE | .2 | 1.0 | .8 | .1 | .1 | | | | | | | 2.2 | 7.2 |
| NE | .2 | .9 | 1.1 | .3 | .1 | .1 | | | | | | 2.8 | 9.6 |
| ENE | | 1.2 | 1.2 | .6 | | | | | | | | 3.0 | 7.4 |
| E | .4 | 2.1 | 1.8 | .3 | | | | | | | | 4.7 | 6.5 |
| ESE | .4 | 1.0 | .9 | .2 | | | | | | | | 2.6 | 7.6 |
| SE | .6 | 2.2 | 2.0 | .9 | | | | | | | | 6.4 | 7.5 |
| SSE | .9 | 2.9 | 4.6 | 5.4 | .1 | | | | | | | 16.3 | 9.4 |
| S | .9 | 4.3 | 14.2 | 15.3 | 1.3 | .1 | | | | | | 36.2 | 10.6 |
| SSW | .7 | 2.2 | 3.3 | 3.0 | .2 | .1 | | | | | | 9.6 | 9.2 |
| SW | .4 | 1.3 | 1.1 | .2 | | | | | | | | 3.4 | 6.4 |
| WSW | .2 | .3 | | | | | | | | | | .6 | 4.2 |
| W | .9 | .3 | .2 | | | | | | | | | 1.4 | 4.4 |
| WNW | .1 | .3 | | .3 | | | | | | | | 1.0 | 7.2 |
| NW | .1 | .3 | 1.2 | .3 | | | | | | | | 2.0 | 8.1 |
| NNW | | .3 | .8 | .4 | | | | | | | | 1.6 | 8.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 2.8 | |
| | 6.8 | 22.2 | 37.4 | 28.1 | 2.3 | .3 | | | | | | 100.0 | 8.7 |

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03033 STATION FORT HOND TEXAS/FORT HOND AAF 61-70 YEARS MONTH 1500-1700 HOURS (LST)
CLASS ALL WEATHER
CONDITION

| SPEED (KNTS) DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------|
| N | .3 | .6 | 1.9 | .1 | | | | | | | | 2.9 | 7.0 |
| NNE | .1 | .9 | 1.1 | .7 | | | | | | | | 2.8 | 8.2 |
| NE | .4 | .8 | 1.0 | .9 | | | | | | | | 3.1 | 7.9 |
| ENE | .2 | 1.1 | 1.9 | .4 | | | | | | | | 3.7 | 7.4 |
| E | .1 | 1.2 | 4.2 | .6 | | | | | | | | 6.6 | 7.6 |
| ESE | .3 | .9 | 3.4 | 1.3 | .1 | | | | | | | 6.1 | 8.9 |
| SE | .2 | 2.1 | 4.6 | 2.6 | .1 | .2 | | | | | | 9.8 | 9.3 |
| SSE | .4 | 2.4 | 10.3 | 5.9 | .6 | | | | | | | 24.0 | 10.3 |
| S | 1.1 | 3.4 | 11.2 | 10.6 | 2.1 | | | | | | | 28.4 | 10.6 |
| SSW | .2 | .4 | 1.2 | 1.3 | | | | | | | | 3.2 | 9.7 |
| SW | .3 | .6 | .4 | .1 | .2 | | | | | | | 1.7 | 7.0 |
| WSW | .2 | .2 | | | | | | | | | | .4 | 3.0 |
| W | .1 | .4 | .3 | | | | | | | | | 1.1 | 5.3 |
| WNW | .2 | .6 | .1 | .1 | | | | | | | | 1.0 | 5.0 |
| NW | | .1 | .7 | .2 | | | | | | | | 1.0 | 9.7 |
| NNW | .3 | .6 | .8 | .2 | | | | | | | | 1.9 | 7.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 2.3 | |
| | 5.8 | 16.3 | 43.2 | 29.6 | 3.1 | .2 | | | | | | 100.0 | 9.2 |

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03033
STATION

FORT HOOD TEXAS/FORT HOOD AAF
STATION NAME

61-70
YEARS

100
NORTH

ALL WEATHER
CLASS

1400-2000
HOURS (LST)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .2 | .9 | .7 | 1.1 | | | | | | | | 2.9 | 3.2 |
| NNE | .2 | .9 | 1.0 | .4 | | | | | | | | 2.6 | 5.0 |
| NE | .2 | 1.2 | .8 | .3 | | .1 | | | | | | .7 | 7.2 |
| ENE | .4 | .9 | .7 | .4 | | | | | | | | 2.8 | 6.4 |
| E | 1.3 | 3.3 | 2.6 | .7 | | | | | | | | 7.9 | 5.4 |
| ESE | .6 | 2.7 | 3.8 | 1.7 | .1 | | | | | | | 9.0 | 7.7 |
| SE | 1.1 | 4.0 | 5.6 | 5.1 | .8 | | | | | | | 10.5 | 9.0 |
| SSE | 1.2 | 5.0 | 12.0 | 9.4 | .8 | .1 | | | | | | 75.5 | 9.5 |
| S | 1.1 | 2.7 | 7.3 | 8.0 | .9 | | | | | | | 20.0 | 10.2 |
| SSW | .1 | .1 | .4 | .2 | | | | | | | | .9 | 3.0 |
| SW | .2 | .1 | .1 | | | | | | | | | .3 | 6.7 |
| WSW | .4 | .2 | | | | | | | | | | .7 | 7.7 |
| W | | .2 | .2 | | | | | | | | | .4 | 6.1 |
| WNW | | | .1 | | | | | | | | | .1 | 10.0 |
| NW | .1 | .2 | .2 | .1 | | | | | | | | .7 | 6.7 |
| NNW | .1 | .2 | .4 | | | | | | | | | .8 | 7.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.2 | |
| | 8.0 | 22.6 | 35.9 | 27.6 | 2.6 | .2 | | | | | | 100.0 | 8.5 |

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/PAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03923 STATION FORT HOOD TEXAS/FORT HOOD AAF STATION NAME 61-70 YEARS JUN MONTH 2100-2300 HOURS (LST)
ALL WEATHER CLASS
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------|
| N | .2 | 1.2 | .7 | .3 | | | | | | | | 2.4 | 1.8 |
| NNE | .2 | .7 | .8 | .1 | | .1 | | | | | | 1.9 | 7.2 |
| NE | 1.2 | 1.0 | .3 | | | | | | | | | 2.6 | 4.2 |
| ENE | 1.4 | .4 | .3 | | | | | | | | | 2.2 | 3.9 |
| E | 2.1 | 2.8 | 1.2 | .3 | | | | | | | | 6.4 | 4.9 |
| ESE | 3.4 | 2.9 | 1.4 | .4 | | | | | | | | 8.2 | 5.1 |
| SE | 3.4 | 3.1 | 3.0 | 1.7 | .4 | | | | | | | 11.8 | 6.8 |
| SSE | 4.1 | 5.1 | 8.8 | 7.0 | .3 | | | | | | | 25.3 | 8.1 |
| S | 2.7 | 4.8 | 8.2 | 7.6 | .4 | | | | | | | 23.7 | 8.9 |
| SSW | .2 | .6 | .4 | .4 | | | | | | | | 1.7 | 7.5 |
| SW | | | .2 | | | | | | | | | .2 | 7.7 |
| WSW | .2 | | | | | | | | | | | .2 | 7.5 |
| W | | .1 | | | .1 | | | | | | | .2 | 11.0 |
| WNW | | .1 | .1 | | | | | | | | | .2 | 6.5 |
| NW | | .3 | .1 | | | | | | | | | .4 | 5.3 |
| NNW | .1 | .3 | .1 | | | | | | | | | .6 | 3.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 11.9 | |
| | 19.6 | 23.4 | 23.8 | 17.9 | 1.3 | .1 | | | | | | 100.0 | 4.4 |

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03932 STATION FORT HODD TEXAS/FORT HODD AAF STATION NAME 61-09 YEARS 101 MONTH
ALL WEATHER CLASS 0000-0200 HOURS (LST)
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .1 | .2 | .1 | | | | | | | | | .5 | 5.5 |
| NNE | .6 | .1 | .2 | | | | | | | | | 1.0 | 4.0 |
| NE | .6 | .4 | | | | | | | | | | 1.0 | 3.4 |
| ENE | .6 | .5 | | | | | | | | | | 1.1 | 3.4 |
| E | .1 | .1 | .1 | | | | | | | | | .4 | 4.7 |
| ESE | .6 | .5 | | | | | | | | | | 1.3 | 3.4 |
| SE | 2.5 | 1.9 | 1.2 | .1 | | | | | | | | 5.7 | 4.6 |
| SSE | 4.2 | 6.0 | 4.8 | 1.2 | | | | | | | | 16.1 | 5.9 |
| S | 6.2 | 19.5 | 15.7 | 3.3 | .1 | | | | | | | 44.9 | 6.5 |
| SSW | 1.7 | 4.4 | 4.5 | 3.9 | .1 | | | | | | | 14.1 | 7.9 |
| SW | .1 | .6 | .5 | | | | | | | | | 1.2 | 6.0 |
| WSW | .2 | .1 | | | | | | | | | | .4 | 3.0 |
| W | .4 | | | | | | | | | | | .4 | 2.3 |
| WNW | .1 | | | | | | | | | | | .1 | 3.0 |
| NW | .4 | .1 | | | | | | | | | | .5 | 2.5 |
| NNW | | .1 | | | | | | | | | | .1 | 4.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 10.8 | |
| | 18.6 | 34.3 | 27.1 | 8.7 | .2 | | | | | | | 100.0 | 5.6 |

TOTAL NUMBER OF OBSERVATIONS 837

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 03933 STATION NAME FORT HEND TEXAS/FORT HEND AAF YEARS 61-69 MONTH JUL
CLASS ALL WEATHER HOURS (L.S.T.) 0300-0500
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .4 | .4 | | | | | | | | | | .7 | 3.5 |
| NNE | .5 | .4 | .1 | | | | | | | | | 1.0 | 3.6 |
| NE | .1 | .1 | | .1 | | | | | | | | .4 | 6.7 |
| ENE | .2 | .1 | | | | | | | | | | .4 | 3.3 |
| E | .6 | .2 | | | | | | | | | | .9 | 2.9 |
| ESE | 1.0 | .5 | .1 | | | | | | | | | 1.6 | 3.5 |
| SE | 2.0 | 1.3 | 1.0 | .2 | | | | | | | | 4.5 | 4.7 |
| SSE | 4.2 | 3.7 | 1.9 | .5 | | | | | | | | 10.3 | 4.9 |
| S | 9.8 | 17.3 | 7.8 | .8 | | | | | | | | 35.7 | 5.0 |
| SSW | 5.0 | 5.5 | 4.9 | 1.1 | | | | | | | | 16.5 | 5.7 |
| SW | 1.4 | 2.2 | .8 | .6 | | | | | | | | 5.0 | 5.4 |
| WSW | .4 | .6 | .5 | | | | | | | | | 1.4 | 5.3 |
| W | .4 | .1 | | | | | | | | | | .5 | 3.5 |
| WNW | .2 | .1 | | | | | | | | | | .4 | 2.7 |
| NW | .1 | | | | | | | | | | | .1 | 2.0 |
| NNW | .8 | .5 | | | | | | | | | | 1.3 | 2.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 19.5 | |
| | 27.1 | 33.0 | 17.1 | 3.3 | | | | | | | | 100.0 | 4.0 |

TOTAL NUMBER OF OBSERVATIONS 837

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03033 STATION FORT HODD TEXAS/FORT HODD AAF STATION NAME 61-69 YEARS 1-11 MONTH 0600-0800 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------|
| N | .7 | .1 | .2 | | | | | | | | | 1.1 | 3.9 |
| NNE | .4 | .2 | .7 | .1 | | | | | | | | 1.4 | 6.6 |
| NE | .2 | .2 | .2 | | | | | | | | | .7 | 5.2 |
| ENE | .4 | | .4 | | | | | | | | | .7 | 5.2 |
| E | 1.1 | .8 | .2 | | | | | | | | | 2.2 | 3.8 |
| ESE | 1.1 | .5 | .6 | | | | | | | | | 2.2 | 4.3 |
| SE | .8 | 1.6 | .4 | | | | | | | | | 2.7 | 4.6 |
| SSE | 2.0 | 4.4 | .7 | .5 | | | | | | | | 7.6 | 4.9 |
| S | 8.1 | 13.0 | 8.0 | 1.6 | | | | | | | | 30.7 | 5.5 |
| SSW | 2.6 | 5.3 | 5.1 | 1.0 | | | | | | | | 14.0 | 6.3 |
| SW | 2.4 | 3.5 | 4.8 | 1.1 | | | | | | | | 11.7 | 6.4 |
| WSW | 1.1 | 2.0 | 1.7 | .5 | | | | | | | | 5.3 | 6.4 |
| W | .4 | 1.1 | .6 | | | | | | | | | 2.0 | 5.5 |
| WNW | .4 | .1 | | | | | | | | | | .5 | 3.0 |
| NW | .2 | .1 | | | | | | | | | | .4 | 3.0 |
| NNW | .7 | .1 | | | | | | | | | | .9 | 2.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 16.0 | |
| | 22.6 | 23.1 | 23.7 | 4.7 | | | | | | | | 100.0 | 4.7 |

TOTAL NUMBER OF OBSERVATIONS 837

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03933
STATION

FORT HOOD TEXAS/FORT HOOD AAF
STATION NAME

61-69
YEARS

JUL
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (LST)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .0 | .5 | .5 | .2 | | | | | | | | 1.8 | 5.6 |
| NNE | .4 | .2 | .2 | .2 | | | | | | | | 1.1 | 6.2 |
| NE | .4 | .7 | .7 | .1 | | | | | | | | 1.9 | 6.6 |
| ENE | .4 | .7 | | .1 | | | | | | | | 1.2 | 5.5 |
| E | .8 | 1.1 | .2 | | | | | | | | | 2.2 | 4.4 |
| ESE | .1 | 1.1 | .5 | | | | | | | | | 1.7 | 5.6 |
| SE | .0 | 1.2 | 1.0 | .1 | .1 | | | | | | | 3.0 | 4.3 |
| SSE | 1.4 | 3.3 | 3.0 | 1.0 | | | | | | | | 8.7 | 6.7 |
| S | 2.3 | 7.2 | 13.1 | 5.1 | | | | | | | | 27.7 | 8.0 |
| SSW | 1.4 | 5.7 | 7.9 | 2.7 | | | | | | | | 17.8 | 7.6 |
| SW | 1.8 | 4.4 | 6.2 | 2.6 | | | | | | | | 15.1 | 7.5 |
| WSW | 1.2 | 3.6 | 3.2 | 1.0 | | | | | | | | 9.0 | 6.9 |
| W | .8 | 1.6 | 1.1 | .1 | | | | | | | | 3.6 | 5.7 |
| WNW | .1 | .5 | .2 | | | | | | | | | .8 | 4.9 |
| NW | .5 | | | | | | | | | | | .5 | 1.8 |
| NNW | .2 | .1 | .1 | .2 | | | | | | | | .7 | 7.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.3 | |
| | 13.0 | 31.9 | 38.0 | 13.6 | .1 | | | | | | | 100.0 | 7.0 |

TOTAL NUMBER OF OBSERVATIONS 837

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 03033 FORT HODD TEXAS/FORT HODD AAF STATION NAME 61-69 YEARS JUL MONTH
CLASS ALL WEATHER 1200-1400 HOURS (LST)
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .4 | .7 | 1.0 | .4 | | | | | | | | 2.4 | 7.1 |
| NNE | .5 | .4 | .5 | .5 | | | | | | | | 1.8 | 6.8 |
| NE | .7 | 1.0 | .7 | .7 | | | | | | | | 2.6 | 7.8 |
| ENE | .5 | .5 | .6 | | | | | | | | | 1.4 | 5.9 |
| E | .6 | 1.3 | 1.8 | .1 | | | | | | | | 3.8 | 6.2 |
| ESE | .4 | 2.0 | 1.6 | .5 | | | | | | | | 4.4 | 6.8 |
| SE | .7 | 4.4 | 3.6 | .6 | .1 | | | | | | | 9.1 | 7.0 |
| SSE | .7 | 5.5 | 6.7 | 2.9 | | | | | | | | 15.8 | 7.9 |
| S | 2.3 | 8.8 | 14.6 | 5.1 | | | | | | | | 30.8 | 8.0 |
| SSW | .4 | 3.1 | 5.6 | 2.7 | | | | | | | | 12.3 | 8.2 |
| SW | .7 | 1.3 | 2.9 | 1.7 | | | | | | | | 6.6 | 8.3 |
| WSW | .5 | 1.6 | 1.2 | | | | | | | | | 3.2 | 5.7 |
| W | .5 | .7 | .5 | | | | | | | | | 1.7 | 5.1 |
| WNW | .6 | .1 | | .1 | | | | | | | | .8 | 4.6 |
| NW | | .2 | .1 | | | | | | | | | .4 | 5.3 |
| NNW | .1 | .2 | .2 | | | | | | | | | .6 | 5.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.9 | |
| | 9.3 | 31.9 | 41.5 | 15.3 | .1 | | | | | | | 100.0 | 7.4 |

TOTAL NUMBER OF OBSERVATIONS 837

DATA PROCESSING DIVISION
UTAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03973 STATION FORT HOOD TEXAS/FORT HOOD AAF STATION NAME 61-69 YEARS JUL MONTH 1500-1700 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------|
| N | .5 | .6 | .6 | .4 | | | | | | | | 2.0 | 6.8 |
| NNE | .2 | .6 | .7 | .5 | .1 | | | | | | | 2.2 | 8.4 |
| NE | .6 | .6 | .8 | .3 | | | | | | | | 2.5 | 7.0 |
| ENE | .1 | .4 | 1.6 | .4 | | | | | | | | 2.4 | 7.9 |
| E | .9 | 1.8 | 1.7 | .5 | .1 | | | | | | | 4.7 | 7.1 |
| ESE | .5 | 1.6 | 2.5 | .5 | | | | | | | | 5.0 | 7.3 |
| SE | .7 | 3.1 | 5.9 | 1.9 | .1 | .1 | | | | | | 11.8 | 8.4 |
| SSE | .6 | 5.4 | 11.1 | 5.4 | .2 | | | | | | | 22.7 | 8.7 |
| S | .6 | 5.5 | 17.0 | 6.6 | .8 | | | | | | | 30.5 | 9.2 |
| SSW | .2 | 2.3 | 3.0 | 3.0 | .2 | | | | | | | 8.7 | 9.3 |
| SW | .4 | .4 | 1.0 | .7 | | | | | | | | 2.4 | 8.2 |
| WSW | .4 | .6 | .4 | .1 | | | | | | | | 1.4 | 6.0 |
| W | .2 | .4 | | | | | | | | | | .6 | 3.8 |
| WNW | .1 | .2 | .2 | | | | | | | | | .6 | 5.2 |
| NW | | .2 | .1 | .2 | | | | | | | | .6 | 9.0 |
| NNW | | .1 | .4 | .1 | | | | | | | | .6 | 9.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.3 | |
| | 5.7 | 23.7 | 46.8 | 20.7 | 1.7 | .1 | | | | | | 100.0 | 8.4 |

TOTAL NUMBER OF OBSERVATIONS 837

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/HAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 03033 STATION NAME FORT HOOD TEXAS/FORT HOOD AAF YEARS 61-69 MONTH JUL NO-TM 1900-2000 HOURS (L S Y.)
CLASS ALL WEATHER
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------|
| N | | .1 | .1 | | | | | | | | | .2 | 6.3 |
| NNE | .4 | .1 | .5 | .1 | | | | | | | | 1.1 | 6.4 |
| NE | .5 | .6 | .4 | .5 | | | | | | | | 2.0 | 7.1 |
| ENE | .4 | 1.4 | 1.3 | .2 | | | | | | | | 3.3 | 6.8 |
| E | 1.0 | 1.8 | 2.3 | .4 | | | | | | | | 5.4 | 6.6 |
| ESE | .8 | 1.6 | 1.0 | 1.0 | | | | | | | | 5.1 | 7.0 |
| SE | 1.1 | 5.6 | 6.7 | 3.3 | .6 | | | | | | | 17.3 | 8.1 |
| SSE | 1.4 | 8.6 | 13.4 | 6.1 | .1 | | | | | | | 29.6 | 8.1 |
| S | 1.0 | 6.3 | 11.2 | 8.0 | .8 | | | | | | | 27.4 | 9.1 |
| SSW | .4 | 1.1 | 1.2 | 1.6 | | | | | | | | 4.2 | 9.0 |
| SW | | .2 | .2 | | | | | | | | | .5 | 6.3 |
| WSW | .1 | .1 | .1 | | | | | | | | | .4 | 5.0 |
| W | .2 | .2 | | | | | | | | | | .5 | 3.0 |
| WNW | .1 | | | .1 | | | | | | | | .2 | 8.5 |
| NW | | | | | | | | | | | | | |
| NNW | .1 | | | | | | | | | | | .1 | 2.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 2.6 | |
| | 7.5 | 27.8 | 39.2 | 21.3 | 1.6 | | | | | | | 100.0 | 7.9 |

TOTAL NUMBER OF OBSERVATIONS 837

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03933 STATION FORT HOND TEXAS/FORT HOND AAF STATION NAME 61-69 YEARS JUL MONTH 2100-2300 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------|
| N | .6 | .1 | .1 | | .1 | | | | | | | .7 | 6.2 |
| NNE | | .1 | .1 | .1 | | | | | | | | .4 | 9.0 |
| NE | .5 | .2 | .1 | | | | | | | | | .8 | 3.9 |
| ENE | .7 | .7 | | | | | | | | | | 1.4 | 3.6 |
| E | 1.6 | 1.0 | .6 | .1 | | | | | | | | 3.2 | 4.3 |
| ESE | 2.5 | 2.0 | 1.4 | .4 | | | | | | | | 6.3 | 5.0 |
| SE | 3.2 | 6.9 | 2.6 | 1.2 | .2 | | | | | | | 14.2 | 5.8 |
| SSE | 4.1 | 11.7 | 8.1 | 2.9 | | | | | | | | 26.8 | 6.3 |
| S | 3.5 | 8.7 | 12.8 | 7.4 | .5 | | | | | | | 32.9 | 8.2 |
| SSW | .4 | 1.0 | .8 | .2 | | | | | | | | 2.4 | 6.5 |
| SW | | .5 | .1 | | | | | | | | | .6 | 5.6 |
| WSW | | .6 | .1 | | | | | | | | | .7 | 5.2 |
| W | | .2 | | | | | | | | | | .2 | 5.5 |
| WNW | .1 | .2 | | | | | | | | | | .4 | 4.0 |
| NW | | | | | | | | | | | | | |
| NNW | | .1 | | | | | | | | | | .1 | 6.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 8.8 | |
| | 16.8 | 34.2 | 27.0 | 12.3 | .8 | | | | | | | 100.0 | 6.1 |

TOTAL NUMBER OF OBSERVATIONS 837

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03933 STATION FORT WOOD TEXAS/FORT WOOD AAF STATION NAME 61-69 YEARS 0000-0200 HOURS (L S T.)
ALL WEATHER CLASS
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------|
| N | .5 | .7 | .2 | .2 | | | | | | | | 1.7 | 5.1 |
| NNE | .4 | .5 | .5 | | | | | | | | | 1.3 | 5.7 |
| NE | .2 | .7 | .2 | | | | | | | | | 1.2 | 5.9 |
| ENE | 1.1 | .5 | .2 | | | | | | | | | 1.8 | 3.5 |
| E | 1.7 | 1.7 | | | | | | | | | | 3.6 | 3.6 |
| ESE | 1.8 | 1.7 | .5 | | | | | | | | | 3.9 | 3.2 |
| SE | 1.7 | 3.3 | .5 | | | | | | | | | 5.5 | 4.3 |
| SSE | 2.6 | 6.5 | 3.6 | .2 | | | | | | | | 12.9 | 5.3 |
| S | 5.5 | 14.9 | 11.8 | 1.9 | | | | | | | | 34.2 | 6.2 |
| SSW | 2.0 | 3.7 | 4.3 | 1.0 | | | | | | | | 11.0 | 6.4 |
| SW | 1.2 | 1.7 | 2.0 | .1 | | | | | | | | 5.0 | 5.8 |
| WSW | .6 | .6 | | | | | | | | | | 1.2 | 3.5 |
| W | .1 | .4 | .4 | | | | | | | | | .8 | 6.1 |
| WNW | .1 | .1 | .1 | | | | | | | | | .4 | 5.3 |
| NW | .8 | .5 | .1 | | | | | | | | | 1.4 | 3.5 |
| NNW | .4 | .6 | | | | | | | | | | 1.0 | 4.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 13.1 | |
| | 20.7 | 38.2 | 24.5 | 3.5 | | | | | | | | 100.0 | 4.8 |

TOTAL NUMBER OF OBSERVATIONS 837

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 03933 STATION NAME FORT HODD TEXAS/FORT HODD AAF YEARS 01-69 MONTH 4
CLASS ALL WEATHER HOURS (L.S.T.) 0300-0500
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|------|-------|-----------------|
| N | .4 | .8 | .2 | | | | | | | | 1.9 | 4.4 |
| NNE | .7 | .5 | .2 | | | | | | | | 1.4 | 4.2 |
| NE | .5 | .7 | .4 | | | | | | | | 1.6 | 4.5 |
| ENE | .7 | .4 | | | | | | | | | 1.1 | 2.8 |
| E | 1.3 | 1.0 | .2 | | | | | | | | 2.5 | 3.7 |
| ESE | 1.0 | .7 | .5 | | | | | | | | 2.2 | 3.9 |
| SE | 2.0 | 1.4 | .2 | | | | | | | | 3.7 | 3.0 |
| SSE | 5.9 | 3.6 | .7 | | | | | | | | 10.2 | 3.5 |
| S | 9.6 | 12.9 | 5.0 | .5 | | | | | | | 28.0 | 4.7 |
| SSW | 3.3 | 4.9 | 1.6 | .1 | | | | | | | 9.9 | 4.6 |
| SW | 2.0 | 2.6 | 2.0 | | | | | | | | 6.7 | 5.1 |
| WSW | .6 | .8 | .2 | .1 | | | | | | | 1.8 | 4.7 |
| W | .7 | 1.1 | .1 | .1 | | | | | | | 2.0 | 4.6 |
| WNW | .5 | .4 | .4 | | | | | | | | 1.2 | 5.2 |
| NW | .8 | .4 | | | | | | | | | 1.2 | 2.8 |
| NNW | .4 | .6 | | | | | | | | | 1.2 | 3.8 |
| VARBL | | | | | | | | | | | | |
| CALM | | | | | | | | | | | 23.8 | |
| | 30.8 | 32.7 | 11.8 | .8 | | | | | | | 100.0 | 3.3 |

TOTAL NUMBER OF OBSERVATIONS 817

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03933 STATION FORT HODD TEXAS/FORT HODD AAF 61-69 YEARS AUG
STATION NAME MONTH
ALL WEATHER CLASS 0600-0800
CONDITION HOURS (LST.)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.3 | 1.2 | .6 | | | | | | | | | 3.1 | 4.5 |
| NNE | .5 | 1.1 | .1 | .1 | | | | | | | | 1.8 | 4.9 |
| NE | .6 | .6 | .6 | | | | | | | | | 1.8 | 4.9 |
| ENE | .4 | .6 | .2 | .1 | | | | | | | | 1.3 | 5.5 |
| E | 1.4 | 1.2 | .1 | | | | | | | | | 2.7 | 3.3 |
| ESE | 1.6 | 1.7 | .1 | | | | | | | | | 3.3 | 3.4 |
| SE | 2.3 | 1.7 | .1 | | | | | | | | | 4.1 | 3.7 |
| SSE | 4.1 | 3.9 | 1.1 | .1 | | | | | | | | 9.2 | 4.2 |
| S | 7.8 | 8.0 | 4.9 | .5 | | | | | | | | 21.1 | 4.8 |
| SSW | 2.5 | 4.3 | 3.5 | .5 | | | | | | | | 10.8 | 5.3 |
| SW | 1.2 | 2.7 | 1.8 | .2 | | | | | | | | 6.0 | 5.6 |
| WSW | .2 | 1.3 | 1.2 | .1 | | | | | | | | 2.9 | 6.5 |
| W | .7 | 2.2 | 1.0 | .2 | | | | | | | | 4.1 | 5.8 |
| WNW | .8 | .7 | .2 | .1 | | | | | | | | 1.9 | 4.6 |
| NW | .7 | .7 | .5 | | | | | | | | | 2.0 | 4.8 |
| NNW | .2 | 1.3 | .2 | | | | | | | | | 1.8 | 5.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 22.1 | |
| | 26.3 | 33.2 | 16.4 | 2.0 | | | | | | | | 100.0 | 3.8 |

TOTAL NUMBER OF OBSERVATIONS 837

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03933 STATION FORT HOOD TEXAS/FORT HOOD AAF 61-69 YEARS MONTH 076
ALL WEATHER CLASS 0700-1100 HOURS (L S T)
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------|
| N | .5 | .8 | 1.0 | .2 | | | | | | | | 2.5 | 4.4 |
| NNE | .2 | .5 | .8 | | | | | | | | | 1.6 | 4.2 |
| NE | .7 | .8 | 1.1 | .3 | | | | | | | | 3.1 | 6.6 |
| ENE | .5 | 1.1 | .8 | .2 | | | | | | | | 2.6 | 6.4 |
| E | .8 | 1.3 | .7 | .1 | | | | | | | | 3.0 | 5.4 |
| ESE | .6 | 1.6 | 1.1 | | | | | | | | | 3.2 | 5.9 |
| SE | 1.4 | 2.4 | 1.2 | | | | | | | | | 5.0 | 4.8 |
| SSE | 1.2 | 2.2 | 1.3 | .2 | | | | | | | | 4.9 | 5.5 |
| S | 2.2 | 7.5 | 9.3 | 1.8 | .1 | | | | | | | 20.2 | 7.1 |
| SSW | 1.1 | 5.1 | 8.7 | 1.8 | | | | | | | | 16.7 | 7.6 |
| SW | 1.4 | 4.5 | 3.8 | 1.1 | | | | | | | | 10.9 | 6.7 |
| WSW | .6 | 2.6 | 3.5 | 1.1 | | | | | | | | 7.8 | 7.3 |
| W | 1.6 | 3.2 | 2.6 | | | | | | | | | 7.4 | 5.7 |
| WNW | | 1.0 | .5 | .5 | | | | | | | | 1.9 | 7.6 |
| NW | .2 | .4 | .2 | .1 | | | | | | | | 1.2 | 6.1 |
| NNW | .6 | .6 | .4 | .1 | | | | | | | | 1.7 | 5.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 5.9 | |
| | 13.6 | 35.6 | 37.0 | 7.8 | .1 | | | | | | | 100.0 | 6.3 |

TOTAL NUMBER OF OBSERVATIONS 837

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03033 STATION FORT HODD TEXAS/FORT HODD AAF STATION NAME 61-69 YEARS AUG NORTH
ALL WEATHER CLASS 1200-1400 HOURS (LST)
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .1 | 1.2 | 1.0 | .6 | | | | | | | | 5.3 | 5.9 |
| NNE | .5 | .8 | .4 | .6 | | | | | | | | 2.3 | 5.9 |
| NE | .4 | .8 | 1.8 | .6 | | | | | | | | 3.6 | 7.9 |
| ENE | .6 | 1.2 | 1.0 | .5 | | | | | | | | 3.2 | 6.7 |
| E | 1.4 | 2.7 | 2.7 | .5 | | | | | | | | 7.4 | 6.3 |
| ESE | .6 | 1.7 | 2.2 | .6 | | | | | | | | 5.0 | 6.7 |
| SE | .7 | 3.2 | 2.9 | .5 | | | | | | | | 7.3 | 6.6 |
| SSE | .7 | 3.6 | 4.6 | 1.3 | | | | | | | | 10.4 | 7.4 |
| S | 1.8 | 9.5 | 11.4 | 3.1 | | | | | | | | 26.0 | 7.2 |
| SSW | .5 | 1.3 | 4.7 | .8 | | | | | | | | 7.3 | 8.0 |
| SW | .7 | 2.3 | 3.0 | 1.2 | | | | | | | | 7.2 | 7.6 |
| WSW | .5 | 2.2 | 1.2 | .4 | | | | | | | | 4.2 | 6.6 |
| W | 1.1 | 1.8 | .7 | | | | | | | | | 3.6 | 4.8 |
| WNW | .2 | .7 | .6 | .1 | | | | | | | | 1.7 | 6.0 |
| NW | .4 | .7 | .6 | .2 | | | | | | | | 1.9 | 6.4 |
| NNW | .5 | .5 | .5 | | | | | | | | | 1.4 | 5.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 4.2 | |
| | 11.1 | 34.5 | 39.2 | 11.0 | | | | | | | | 100.0 | 6.7 |

TOTAL NUMBER OF OBSERVATIONS 837

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 01033 FORT HOOD TEXAS/FORT HOOD AAF 61-69 ALL
STATION NAME YEARS MONTH
CLASS ALL WEATHER
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .5 | 1.4 | .6 | .5 | | | .1 | | | | | 1.1 | 7.4 |
| NNE | | .7 | .7 | .7 | | | | | | | | 2.2 | 9.2 |
| NE | .4 | 1.3 | 1.4 | .7 | | | | | | | | 3.8 | 7.5 |
| ENE | .4 | 1.3 | 1.7 | 1.9 | | | | | | | | 5.3 | 8.5 |
| E | .6 | 2.4 | 3.2 | 1.1 | .1 | | | | | | | 7.6 | 7.5 |
| ESE | .8 | 1.4 | 4.3 | .4 | .2 | | | | | | | 7.5 | 7.9 |
| SE | .8 | 2.7 | 6.8 | 2.0 | .2 | | | | | | | 12.7 | 8.2 |
| SSE | .5 | 4.2 | 6.6 | 2.2 | .1 | | | | | | | 13.5 | 8.1 |
| S | 1.1 | 7.2 | 14.2 | 3.8 | .4 | | | | | | | 26.6 | 8.2 |
| SSW | .2 | 1.4 | 2.6 | 1.3 | | | | | | | | 5.6 | 8.2 |
| SW | .6 | 1.8 | .6 | .6 | | | | | | | | 3.8 | 6.3 |
| WSW | .1 | 1.3 | .5 | .2 | | | | | | | | 2.2 | 6.3 |
| W | | .8 | .5 | .1 | | | | | | | | 1.4 | 6.5 |
| WNW | .1 | .1 | 1 | | | | | | | | | .4 | 5.3 |
| NW | .2 | .4 | | .1 | | | | | | | | .8 | 5.9 |
| NNW | .1 | | .2 | .1 | | | | | | | | .5 | 7.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.0 | |
| | 6.7 | 28.6 | 44.3 | 16.2 | 1.1 | | .1 | | | | | 100.0 | 7.7 |

TOTAL NUMBER OF OBSERVATIONS 817

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 03933 STATION NAME FORT HOOD TEXAS/FORT HOOD AAF YEARS 61-69 MONTH JG
1800-2000
HOURS (LST)

ALL WEATHER

CLASS

CONDITION

| SPEED (KNTS) DIR. | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | ≥56 | % | MEAN WIND SPEED |
|-------------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-----|-------|-----------------|
| N | .4 | .6 | .4 | .4 | .2 | | | | | | | 1.9 | 8.4 |
| NNE | .5 | .5 | .6 | .7 | | | | | | | | 2.3 | 7.9 |
| NE | .4 | .6 | .8 | .8 | | | | | | | | 2.9 | 7.8 |
| ENE | 1.0 | 1.8 | .8 | .7 | | | | | | | | 4.3 | 6.4 |
| E | 2.3 | 3.1 | 2.3 | 1.6 | .1 | .1 | | | | | | 9.4 | 6.8 |
| ESE | 2.2 | 3.6 | 3.3 | .7 | | | | | | | | 9.8 | 6.1 |
| SE | .8 | 6.1 | 6.0 | 1.4 | .1 | | | | | | | 14.5 | 7.1 |
| SSE | 2.3 | 6.8 | 8.1 | 2.2 | .1 | | | | | | | 17.5 | 7.1 |
| S | 1.9 | 5.6 | 10.8 | 4.5 | .1 | | | | | | | 22.9 | 8.1 |
| SSW | .7 | 1.6 | 1.1 | .1 | | | | | | | | 3.5 | 5.7 |
| SW | .4 | .5 | .6 | .6 | | | | | | | | 2.0 | 7.6 |
| WSW | .2 | | .5 | .1 | | | | | | | | .8 | 7.0 |
| W | | .1 | | | | | | | | | | .1 | 4.0 |
| WNW | | | | | | | | | | | | | |
| NW | | | .2 | .4 | | | | | | | | .6 | 11.8 |
| NNW | .4 | .2 | .2 | | | | | | | | | .8 | 5.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 4.7 | |
| | 13.3 | 31.3 | 35.7 | 14.2 | .7 | .1 | | | | | | 100.0 | 6.9 |

TOTAL NUMBER OF OBSERVATIONS 837

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03233
STATION

FORT HOOD TEXAS/FORT HOOD AAF
STATION NAME

61-69
YEARS

ALL
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | AFAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .0 | .4 | .6 | .4 | | | | | | | | 1.9 | 7.1 |
| NNE | .0 | .6 | .6 | .4 | | | | | | | | 2.2 | 6.6 |
| NE | 1.0 | 1.2 | .6 | .2 | .1 | | | | | | | 3.1 | 5.8 |
| ENE | 1.3 | 1.4 | .7 | | | | | | | | | 3.5 | 4.6 |
| E | 1.0 | 2.0 | 1.3 | .2 | | | | | | | | 4.5 | 5.7 |
| ESE | 3.0 | 3.8 | 1.0 | .2 | | | | | | | | 8.0 | 4.5 |
| SE | 2.7 | 4.4 | 2.9 | .2 | | | | | | | | 10.3 | 5.5 |
| SSE | 3.8 | 7.0 | 6.2 | .7 | | | | | | | | 17.8 | 5.9 |
| S | 4.4 | 7.6 | 11.7 | 4.7 | | | | | | | | 28.4 | 7.3 |
| SSW | 1.1 | 2.2 | 1.2 | 1.1 | | | | | | | | 5.5 | 6.7 |
| SW | .4 | .6 | .1 | .4 | | | | | | | | 1.4 | 6.9 |
| WSW | .2 | .5 | | | | | | | | | | .7 | 3.8 |
| W | .2 | .2 | .2 | | | | | | | | | .7 | 4.7 |
| WNW | .1 | .2 | | | | | | | | | | .4 | 3.7 |
| NW | .1 | | | | | | | | | | | .1 | 2.0 |
| NNW | .2 | .3 | .2 | | | | | | | | | 1.0 | 4.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 10.5 | |
| | 20.8 | 32.7 | 27.4 | 8.5 | .1 | | | | | | | 100.0 | 5.5 |

TOTAL NUMBER OF OBSERVATIONS

837

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03933 STATION FORT HODD TEXAS/FORT HODD AAF 61-69 YEARS MONTH 0000-0000 HOURS (LST)
ALL WEATHER CLASS
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------|
| N | 1.5 | 3.5 | 1.5 | .4 | .2 | | | | | | | 7.0 | 4.8 |
| NNE | 1.6 | 1.6 | 1.1 | .5 | .1 | | .2 | | | | | 5.2 | 6.2 |
| NE | .5 | .9 | 1.6 | .1 | | | .1 | | | | | 3.2 | 7.6 |
| ENE | 1.0 | .5 | .5 | .4 | | | | | | | | 2.3 | 5.6 |
| E | 3.6 | 2.2 | .1 | .1 | | | | | | | | 6.0 | 3.3 |
| ESE | 1.7 | .9 | .9 | | | | | | | | | 3.5 | 4.1 |
| SE | 2.6 | 2.1 | .9 | 1.0 | .1 | | | | | | | 6.7 | 5.6 |
| SSE | 2.1 | 3.6 | 3.2 | 2.6 | .1 | | | | | | | 11.9 | 7.3 |
| S | 3.8 | 7.7 | 5.6 | 1.0 | | | | | | | | 18.0 | 6.0 |
| SSW | 1.5 | 1.6 | 1.2 | | | | | | | | | 4.3 | 5.1 |
| SW | .6 | .7 | .2 | | | | | | | | | 1.6 | 4.7 |
| WSW | .2 | | .1 | | | | | | | | | .6 | 3.4 |
| W | .1 | .2 | .2 | .1 | | | | | | | | .7 | 5.8 |
| WNW | 1.2 | .5 | | | | | | | | | | 1.7 | 2.9 |
| NW | .4 | .5 | .4 | | | | | | | | | 1.2 | 4.6 |
| NNW | 1.2 | 1.5 | .7 | | | | | | | | | 3.5 | 4.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 22.5 | |
| | 24.2 | 27.9 | 18.3 | 6.2 | .6 | | .4 | | | | | 100.0 | 4.4 |

TOTAL NUMBER OF OBSERVATIONS 810

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03933 STATION FORT HOOD TEXAS/FORT HOOD AAF 61-69 YEARS SEP MONTH
ALL WEATHER CLASS 0300-0500 HOURS (L.S.T.)
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------|
| N | 2.8 | 3.6 | 2.1 | .6 | .2 | | | | | | | 9.4 | 5.7 |
| NNE | 1.5 | 1.5 | 1.2 | .2 | .2 | | .1 | | | | | 4.8 | 6.5 |
| NE | .9 | .6 | .2 | | | | .2 | | | | | 2.0 | 7.7 |
| ENE | 1.0 | .2 | .9 | | | | | | | | | 2.1 | 5.5 |
| E | 2.2 | 1.1 | | .1 | | | | | | | | 3.5 | 3.3 |
| ESE | 1.1 | .7 | .2 | | | | | | | | | 2.1 | 4.0 |
| SE | 2.0 | 1.9 | .6 | .2 | | | | | | | | 4.7 | 4.7 |
| SSE | 2.0 | 3.0 | 2.6 | 1.6 | | | | | | | | 9.1 | 6.7 |
| S | 3.2 | 6.2 | 3.7 | .7 | | | | | | | | 13.8 | 5.7 |
| SSW | 1.5 | 1.9 | 1.2 | .4 | | | | | | | | 4.9 | 5.3 |
| SW | .9 | .5 | .5 | | | | | | | | | 1.9 | 4.5 |
| WSW | .1 | .4 | .2 | | | | | | | | | .7 | 5.8 |
| W | .4 | .7 | .1 | | | | | | | | | 1.2 | 4.7 |
| WNW | 1.7 | 1.1 | .2 | | | | | | | | | 3.1 | 3.6 |
| NW | 1.9 | 1.2 | .1 | .2 | | | | | | | | 3.5 | 4.7 |
| NNW | 2.3 | 1.5 | 1.7 | .2 | | | | | | | | 5.8 | 4.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 27.4 | |
| | 25.4 | 26.0 | 15.8 | 4.4 | .5 | | .4 | | | | | 100.0 | 4.0 |

TOTAL NUMBER OF OBSERVATIONS 810

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03033
STATION

FORT HOOD TEXAS/FORT HOOD AAF
STATION NAME

61-69
YEARS

SIP
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (LST)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.2 | 4.8 | 2.0 | 1.2 | .4 | | | | | | | 10.6 | 4.2 |
| NNE | 1.7 | 2.6 | 1.0 | 1.1 | | .4 | | | | | | 5.8 | 7.1 |
| NE | .6 | .9 | .7 | .7 | | | | | | | | 3.0 | 7.0 |
| ENE | 1.4 | 1.0 | .6 | .4 | | | | | | | | 3.6 | 4.8 |
| E | .9 | .9 | .1 | | | | | | | | | 1.9 | 4.1 |
| ESE | .9 | 1.4 | .1 | | | | | | | | | 2.3 | 3.9 |
| SE | 2.2 | 2.8 | 1.1 | .5 | | | | | | | | 6.7 | 3.0 |
| SSE | 2.1 | 3.5 | 2.3 | 1.0 | .1 | | | | | | | 9.0 | 6.1 |
| S | 3.5 | 3.3 | 2.7 | .4 | | | | | | | | 9.9 | 5.0 |
| SSW | 1.0 | 1.6 | 1.5 | .1 | | | | | | | | 4.2 | 5.9 |
| SW | 1.0 | .7 | .2 | | | | | | | | | 2.0 | 3.9 |
| WSW | .7 | .2 | .1 | | | | | | | | | 1.7 | 4.2 |
| W | .9 | 1.0 | .2 | | | | | | | | | 2.1 | 4.1 |
| WNW | 1.2 | .7 | | .4 | | | | | | | | 2.3 | 4.6 |
| NW | 2.1 | 1.5 | .5 | .1 | | | | | | | | 4.2 | 4.1 |
| NNW | 2.0 | 2.2 | 1.5 | .6 | | | | | | | | 6.9 | 3.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 22.7 | |
| | 25.5 | 29.8 | 14.6 | 6.6 | .5 | .4 | | | | | | 100.0 | 4.2 |

TOTAL NUMBER OF OBSERVATIONS

809

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03033
STATION

FORT HODD TEXAS/FORT HODD AAF
STATION NAME

61-67
YEARS

SEP
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (LST)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.1 | 3.3 | 2.3 | 1.7 | .5 | .4 | | | | | | 10.4 | 7.8 |
| NNE | .5 | 2.6 | 2.0 | 2.0 | .2 | | | | | | | 7.3 | 8.5 |
| NE | 1.4 | 2.0 | 1.0 | .6 | | | | | | | | 4.9 | 6.2 |
| ENE | .6 | 1.6 | 1.7 | .1 | | | | | | | | 4.1 | 6.2 |
| E | 1.9 | 2.2 | 1.0 | .1 | | | | | | | | 5.2 | 4.7 |
| ESE | .6 | 2.1 | .5 | | | | | | | | | 3.2 | 5.0 |
| SE | .9 | 2.0 | 2.2 | .4 | | | | | | | | 5.4 | 6.6 |
| SSE | 1.2 | 2.5 | 3.5 | 1.6 | .4 | | | | | | | 9.1 | 8.0 |
| S | 1.0 | 5.6 | 7.2 | 3.3 | .2 | | | | | | | 17.9 | 8.0 |
| SSW | 1.2 | 1.9 | 3.8 | .7 | | | | | | | | 7.7 | 6.9 |
| SW | .4 | 1.1 | 2.8 | .2 | | | | | | | | 4.6 | 7.1 |
| WSW | .5 | 1.2 | 1.6 | | | | | | | | | 3.3 | 6.4 |
| W | 1.5 | 1.4 | .6 | | | | | | | | | 3.5 | 4.4 |
| WNW | .5 | 1.0 | .4 | | .2 | | | | | | | 2.1 | 6.5 |
| NW | .6 | .9 | 1.0 | .4 | .2 | | | | | | | 3.1 | 7.9 |
| NNW | .2 | 1.1 | 1.2 | .7 | | | | | | | | 3.3 | 7.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 4.9 | |
| | 15.7 | 37.3 | 32.8 | 12.0 | 1.9 | .4 | | | | | | 100.0 | 6.8 |

TOTAL NUMBER OF OBSERVATIONS 810

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03933 STATION FORT HOOD TEXAS/FORT HOOD AAF STATION NAME 61-69 YEARS MONTH 1200-1400 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION:

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------|
| N | .0 | 2.1 | 3.2 | 2.3 | .1 | .2 | | | | | | 4.9 | 8.8 |
| NNE | .6 | 2.5 | 2.7 | 1.5 | .5 | .4 | | | | | | 8.1 | 9.1 |
| NE | .0 | 2.8 | 1.7 | 1.1 | | | | | | | | 6.3 | 6.9 |
| ENE | 1.1 | 3.1 | 2.5 | .9 | | | | | | | | 7.5 | 6.5 |
| E | 1.6 | 2.6 | 2.8 | .6 | | | | | | | | 7.7 | 6.4 |
| ESE | .7 | 1.7 | 1.4 | .5 | | | | | | | | 4.3 | 6.4 |
| SE | 1.1 | 3.6 | 2.2 | .5 | | | | | | | | 7.4 | 6.1 |
| SSE | 1.2 | 2.5 | 4.7 | 1.5 | .2 | | | | | | | 10.1 | 8.0 |
| S | 1.0 | 5.1 | 7.8 | 3.7 | .2 | | | | | | | 17.8 | 8.3 |
| SSW | .4 | 2.5 | 2.8 | .7 | | | | | | | | 6.4 | 7.4 |
| SW | .4 | 1.2 | 1.9 | .5 | | | | | | | | 4.0 | 7.1 |
| WSW | .7 | .5 | .5 | | .2 | | | | | | | 1.6 | 7.5 |
| W | .7 | .6 | .1 | | .1 | | | | | | | 1.1 | 6.3 |
| WNW | .6 | .2 | .1 | | | | | | | | | .7 | 4.7 |
| NW | .5 | .1 | .1 | .6 | .1 | | | | | | | 1.5 | 8.5 |
| NNW | .2 | 1.4 | .6 | .9 | .1 | | | | | | | 3.2 | 8.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.5 | |
| | 11.2 | 32.5 | 35.2 | 15.3 | 1.7 | .6 | | | | | | 100.0 | 7.3 |

TOTAL NUMBER OF OBSERVATIONS 810

DATA PROCESSING DIVISION
 ETAT/USA
 AIR WEAT EX SERVICE/HAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

03033 STATION FORT HOOD TEXAS/FORT HOOD AAF 61-69 YEARS SEP MONTH
 ALL WEATHER CLASS 1500-1700 HOURS (L.S.T.)
 CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------|
| N | .7 | 1.6 | 3.6 | 1.4 | .2 | .4 | | | | | | 7.9 | 8.9 |
| NNE | .9 | 2.1 | 2.8 | 1.9 | .2 | .2 | | | | | | 8.1 | 9.1 |
| NE | .5 | 2.1 | 3.6 | .9 | .2 | .1 | | | | | | 7.4 | 8.3 |
| ENE | .5 | 3.1 | 2.3 | .4 | .2 | | | | | | | 6.5 | 7.0 |
| E | 1.2 | 3.6 | 4.4 | .4 | | | | | | | | 9.6 | 6.7 |
| ESE | .9 | 3.3 | 3.1 | .4 | .1 | | | | | | | 7.8 | 6.5 |
| SE | 1.1 | 3.5 | 3.5 | 1.9 | .1 | .1 | | | | | | 10.1 | 7.9 |
| SSE | 1.1 | 3.2 | 6.0 | 4.7 | .7 | | | | | | | 15.8 | 9.2 |
| S | 1.2 | 3.0 | 6.2 | 3.0 | .4 | | | | | | | 13.7 | 8.6 |
| SSW | .5 | 1.1 | 1.2 | .4 | | | | | | | | 3.2 | 6.9 |
| SW | .2 | 1.1 | .6 | .2 | .1 | | | | | | | 2.3 | 7.6 |
| WSW | | .4 | .2 | | .1 | | | | | | | .7 | 8.0 |
| W | .5 | .2 | | | | | | | | | | .7 | 3.7 |
| WNW | .1 | | | | | | | | | | | .1 | 2.0 |
| NW | .2 | .1 | .4 | .4 | | | | | | | | 1.1 | 7.6 |
| NNW | .4 | .7 | .4 | .9 | .1 | | | | | | | 2.5 | 9.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 2.2 | |
| | 10.1 | 29.1 | 38.4 | 16.5 | 2.7 | .9 | | | | | | 100.0 | 7.9 |

TOTAL NUMBER OF OBSERVATIONS 810

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 03023 STATION NAME FORT WOOD TEXAS/FORT WOOD AAF YEARS 61-69 MONTH SEP
CLASS ALL WEATHER HOURS (LST) 1800-2300
CONDITION _____

| WIND (KNTS) DIR. | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | ≥56 | % | MEAN WIND SPEED |
|------------------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-----|-------|-----------------------|
| N | 1.2 | 1.6 | 1.9 | .4 | .2 | | | | | | | 5.3 | 6.7 |
| NNE | 1.2 | 2.7 | 1.7 | .7 | | .4 | | | | | | 5.8 | 7.3 |
| NE | 2.3 | 2.3 | 1.4 | .6 | .1 | | | | | | | 6.8 | 5.8 |
| ENE | 3.1 | 3.0 | 1.4 | .5 | .1 | | | | | | | 6.6 | 5.2 |
| E | 3.2 | 4.4 | 2.5 | .4 | | | | | | | | 10.5 | 5.2 |
| ESE | 2.0 | 3.5 | 2.1 | | | | | | | | | 8.1 | 5.0 |
| SE | 1.0 | 5.1 | 4.4 | 2.0 | .5 | .1 | | | | | | 13.7 | 7.5 |
| SSE | 1.5 | 4.1 | 5.8 | 2.5 | .1 | | | | | | | 14.0 | 7.6 |
| S | 3.0 | 2.6 | 2.6 | 1.7 | .1 | | | | | | | 10.0 | 6.6 |
| SSW | .1 | .1 | .1 | | | | | | | | | .4 | 5.3 |
| SW | .0 | .1 | .2 | | | | | | | | | 1.0 | 3.8 |
| WSW | .2 | .1 | | .1 | .2 | | | | | | | .7 | 10.7 |
| W | .2 | .1 | | | | | | | | | | .4 | 3.3 |
| WNW | .2 | | | | | | | | | | | .2 | 2.0 |
| NW | .2 | .2 | .1 | .1 | | | | | | | | .7 | 5.8 |
| NNW | .5 | 1.1 | .4 | .1 | | | | | | | | 2.1 | 5.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 10.6 | |
| | 22.0 | 31.7 | 24.6 | 9.1 | 1.5 | .5 | | | | | | 100.0 | 5.7 |

TOTAL NUMBER OF OBSERVATIONS 810

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03233 STATION FIRST HOND TEXAS/FORT HOND AAF 61-69 YEARS MONTH 2100-2300
STATION NAME CL-55
CONDITION

| SPEED (KNTS) DIR. | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | ≥56 | % | MEAN WIND SPEED |
|-------------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-----|-------|-----------------|
| N | 1.9 | 3.2 | 1.0 | .7 | .1 | | | | | | | 6.9 | 3.9 |
| NNE | 2.0 | 2.7 | .4 | | | | .4 | | | | | 2.4 | 5.8 |
| NE | .9 | 1.2 | .9 | .7 | .4 | | | | | | | 4.1 | 7.3 |
| ENE | 1.9 | 1.7 | 1.0 | .1 | | | | | | | | 4.7 | 4.8 |
| E | 3.5 | 2.2 | 1.4 | .6 | | | | | | | | 7.7 | 4.7 |
| ESE | 2.6 | 2.3 | .5 | .4 | .1 | | | | | | | 5.9 | 4.7 |
| SE | 4.3 | 3.6 | 3.2 | 1.7 | .5 | | | | | | | 13.3 | 6.5 |
| SSE | 2.6 | 5.1 | 2.8 | 1.5 | .4 | | | | | | | 12.3 | 6.6 |
| S | 2.8 | 3.8 | 3.0 | 2.2 | .1 | | | | | | | 12.0 | 6.8 |
| SSW | .2 | 1.0 | | .1 | | | | | | | | 1.4 | 5.3 |
| SW | | | .2 | .1 | | | | | | | | .4 | 11.3 |
| WSW | | | | | | | | | | | | | |
| W | .4 | | | | | | | | | | | .4 | 2.7 |
| WNW | .2 | | | | | | | | | | | .2 | 2.5 |
| NW | .4 | .2 | .1 | | | | | | | | | .7 | 1.7 |
| NNW | .7 | 1.7 | .9 | .2 | | | | | | | | 3.6 | 5.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 21.0 | |
| | 24.3 | 28.9 | 15.3 | 8.5 | 1.6 | | .4 | | | | | 100.0 | 4.7 |

TOTAL NUMBER OF OBSERVATIONS 810

5

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03923 STATION FORT HOOD TEXAS/FORT HOOD AAF 01-69 YEARS OCT MONTH
1000-0200 HOURS (LST)
ALL WEATHER CLASS
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------|
| N | 1.3 | 2.5 | 3.1 | 2.4 | .4 | | | | | | | 9.3 | 8.5 |
| NNE | .8 | 1.9 | .4 | .4 | .1 | | | | | | | 3.6 | 5.9 |
| NE | 1.0 | .7 | .6 | .6 | | | | | | | | 2.9 | 4.0 |
| ENE | .2 | .4 | .4 | | | | | | | | | 1.0 | 5.0 |
| E | .5 | .2 | | | | | | | | | | .7 | 2.8 |
| ESE | .7 | 1.4 | .6 | | | | | | | | | 2.7 | 4.9 |
| SE | .7 | 1.3 | 1.4 | 2.4 | | | | | | | | 5.9 | 8.9 |
| SSE | 1.3 | 4.1 | 4.1 | 1.3 | | | | | | | | 10.8 | 6.8 |
| S | 3.8 | 5.4 | 5.1 | 3.1 | .4 | .1 | | | | | | 17.9 | 7.2 |
| SSW | 1.1 | .7 | .8 | 1.7 | .2 | | | | | | | 4.5 | 8.7 |
| SW | .5 | .5 | .6 | .1 | | | | | | | | 1.7 | 5.9 |
| WSW | .4 | .4 | | | | | | | | | | .7 | 3.8 |
| W | .7 | .4 | .2 | .1 | .1 | | | | | | | 1.6 | 4.2 |
| WNW | 1.7 | .5 | .4 | | | | | | | | | 2.5 | 3.6 |
| NW | 1.6 | 2.5 | .1 | | .1 | | | | | | | 4.3 | 4.2 |
| NNW | 1.1 | 1.9 | 2.0 | 1.3 | .5 | | | | | | | 6.8 | 8.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 23.2 | |
| | 17.0 | 24.7 | 19.8 | 13.4 | 1.8 | .1 | | | | | | 100.0 | 5.4 |

TOTAL NUMBER OF OBSERVATIONS 837

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03033 STATION FORT HODD TEXAS/FORT HODD AAF 61-69 YEARS CT MONTH
ALL WEATHER CLASS 0100-0500 HOURS (LST)
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.2 | 3.2 | 4.1 | 1.8 | | | | | | | | 10.3 | 7.5 |
| NNE | 1.4 | .2 | 1.0 | .1 | | | | | | | | 2.7 | 5.4 |
| NE | .4 | .6 | .5 | .5 | | | | | | | | 1.9 | 7.1 |
| ENE | .4 | .4 | | | | | | | | | | .7 | 4.0 |
| E | .4 | .4 | .1 | | | | | | | | | .8 | 4.6 |
| ESE | .5 | .4 | .4 | .2 | | | | | | | | 1.4 | 6.7 |
| SE | 2.2 | 2.6 | .8 | 1.3 | | | | | | | | 6.9 | 6.0 |
| SSE | 2.5 | 4.3 | 2.9 | 1.0 | | | | | | | | 10.2 | 6.1 |
| S | 2.4 | 4.7 | 3.3 | 1.3 | .1 | | | | | | | 11.8 | 6.4 |
| SSW | .8 | .7 | .6 | 1.0 | | | | | | | | 3.1 | 7.3 |
| SW | .8 | .6 | .7 | 1.0 | | | | | | | | 3.1 | 7.6 |
| WSW | .7 | .5 | .1 | .4 | | | | | | | | 1.7 | 5.6 |
| W | 1.1 | .8 | .1 | .1 | .1 | | | | | | | 2.3 | 4.8 |
| WNW | 1.6 | 1.7 | .1 | | .1 | .1 | | | | | | 3.6 | 4.8 |
| NW | 3.1 | 1.7 | .5 | .1 | | | | | | | | 5.4 | 3.7 |
| NNW | 1.4 | 2.4 | 1.8 | 1.2 | .4 | | | | | | | 7.2 | 7.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 26.7 | |
| | 20.3 | 25.1 | 17.0 | 9.9 | .7 | .1 | | | | | | 100.0 | 4.6 |

TOTAL NUMBER OF OBSERVATIONS 837

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 03933 STATION NAME FORT HOOD TEXAS/FORT HOOD AAF YEARS 61-69 MONTH OCT
CLASS ALL WEATHER HOURS (L S T.) 0600-0800

| SPEED (KNTS) DIR. | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | ≥56 | % | MEAN WIND SPEED |
|-------------------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-----|-------|-----------------------|
| all | 1.2 | 2.5 | 3.9 | 1.3 | .2 | | | | | | | 9.2 | 7.7 |
| NNE | .8 | 1.2 | 1.1 | .1 | | | | | | | | 3.2 | 5.8 |
| NE | .6 | .5 | .5 | .1 | | | | | | | | 1.7 | 5.6 |
| ENE | .1 | .5 | .4 | .2 | .1 | | | | | | | 1.3 | 8.3 |
| E | .6 | .4 | .5 | | | | | | | | | 1.4 | 4.6 |
| ESE | 1.1 | 1.1 | .1 | .1 | | | | | | | | 2.4 | 4.6 |
| SE | 1.4 | 3.6 | 1.8 | 1.3 | | | | | | | | 8.1 | 6.6 |
| SSE | 2.0 | 4.3 | 2.4 | 1.4 | | | | | | | | 10.2 | 6.2 |
| S | 2.4 | 4.7 | 3.7 | 1.2 | | | | | | | | 11.9 | 6.5 |
| SSW | .5 | .7 | .7 | .6 | | | | | | | | 2.5 | 7.3 |
| SW | | .2 | 1.0 | .6 | | | | | | | | 1.8 | 9.1 |
| WSW | .6 | .4 | | | | | | | | | | 1.0 | 3.5 |
| W | .8 | .6 | .5 | .2 | | | | | | | | 2.2 | 5.4 |
| WNW | 1.2 | 1.3 | .2 | | | | | | | | | 2.7 | 3.8 |
| NW | 3.2 | 2.5 | 1.0 | .6 | .1 | | | | | | | 7.4 | 4.9 |
| NNW | 1.2 | 2.7 | 2.2 | 1.8 | .1 | | | | | | | 8.0 | 7.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 25.0 | |
| | 17.8 | 27.1 | 19.8 | 9.7 | .6 | | | | | | | 100.0 | 4.8 |

TOTAL NUMBER OF OBSERVATIONS 837

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03033 STATION FORT HOOD TEXAS/FORT HOOD AAF STATION NAME 01-69 YEARS 01 MONTH 0900-1100 HOURS (LST)
ALL WEATHER CLASS
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .8 | 1.6 | 3.5 | 3.6 | .6 | | | | | | | 10.0 | 9.9 |
| NNE | 1.0 | 1.6 | 1.8 | 1.4 | .2 | | | | | | | 6.0 | 3.3 |
| NE | .5 | .8 | .7 | .4 | | .1 | | | | | | 2.5 | 7.7 |
| ENE | .4 | .6 | 1.0 | .1 | .2 | | | | | | | 2.3 | 8.1 |
| E | .8 | 1.4 | .6 | .1 | | | | | | | | 3.0 | 5.4 |
| ESE | .6 | .8 | .8 | .2 | .1 | | | | | | | 2.6 | 6.8 |
| SE | .4 | 2.0 | 2.3 | 1.2 | | | | | | | | 5.9 | 7.8 |
| SSE | .8 | 1.8 | 4.2 | 3.1 | .1 | | | | | | | 10.0 | 8.8 |
| S | 1.2 | 3.8 | 9.8 | 5.3 | 1.0 | | | | | | | 21.0 | 9.2 |
| SSW | .6 | 1.6 | 3.7 | 1.3 | | .1 | | | | | | 7.3 | 8.4 |
| SW | .4 | 1.8 | 1.6 | 1.9 | | | | | | | | 5.6 | 8.5 |
| WSW | .7 | .8 | 1.0 | .4 | | | | | | | | 2.9 | 6.5 |
| W | 1.2 | 1.6 | 1.3 | .5 | | | | | | | | 4.5 | 6.1 |
| WNW | 1.0 | .7 | .7 | .1 | | | | | | | | 2.5 | 5.1 |
| NW | .4 | 1.2 | 1.0 | .7 | .5 | | | | | | | 3.7 | 9.2 |
| NNW | .7 | 1.2 | 1.8 | 1.4 | .1 | | | | | | | 5.3 | 8.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 4.9 | |
| | 11.4 | 23.3 | 35.6 | 21.7 | 2.9 | .2 | | | | | | 100.0 | 7.2 |

TOTAL NUMBER OF OBSERVATIONS 817

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03033
STATION

FORT HOOD TEXAS/FORT HOOD AAF
STATION NAME

61-62
YEARS

CT
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.2 | 2.3 | 3.5 | 4.7 | 1.0 | | | | | | | 12.8 | 9.9 |
| NNE | 1.0 | 1.2 | 1.4 | 1.1 | .1 | | | | | | | 4.8 | 7.6 |
| NE | .4 | 1.2 | 1.4 | .8 | | | | | | | | 3.0 | 8.2 |
| ENE | .4 | .6 | .8 | .2 | | | | | | | | 2.0 | 6.6 |
| E | .7 | 1.0 | 1.0 | .1 | | | | | | | | 2.7 | 5.9 |
| ESE | .5 | .7 | .5 | .1 | .1 | | | | | | | 1.9 | 6.5 |
| SE | .4 | 1.4 | 2.5 | 1.8 | | | | | | | | 6.1 | 8.5 |
| SSE | .7 | 1.8 | 5.5 | 2.6 | | | | | | | | 10.6 | 8.7 |
| S | .6 | 5.1 | 8.7 | 5.6 | 1.0 | | | | | | | 22.2 | 9.4 |
| SSW | .4 | .7 | 2.7 | 2.4 | .1 | | | | | | | 7.3 | 10.0 |
| SW | .5 | 1.2 | 1.7 | 2.2 | | | | | | | | 5.5 | 9.2 |
| WSW | .5 | .7 | 1.2 | | | | | | | | | 2.4 | 5.9 |
| W | 1.0 | 1.2 | 1.0 | .4 | | | | | | | | 3.5 | 6.2 |
| WNW | .4 | .5 | .5 | | | | | | | | | 1.3 | 5.6 |
| NW | .5 | .8 | .4 | .7 | .8 | | | | | | | 3.2 | 10.5 |
| NNW | .6 | 1.1 | 1.9 | 2.4 | .4 | | | | | | | 6.1 | 9.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.7 | |
| | 9.8 | 21.5 | 35.6 | 26.3 | 3.5 | | | | | | | 100.0 | 8.5 |

TOTAL NUMBER OF OBSERVATIONS

837

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 23077 FORT HODD TEXAS/FORT HODD AAF STATION NAME 61-69 YEARS OCT MONTH 1500-1700 HOURS (LST)
CLASS ALL WEATHER
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------|
| N | 1.2 | 1.3 | 3.5 | 5.0 | .6 | | | | | | | 11.6 | 10.0 |
| NNE | .4 | 2.3 | 2.9 | 1.9 | .1 | | | | | | | 7.5 | 8.5 |
| NE | .8 | 1.8 | .8 | .2 | | | | | | | | 3.7 | 5.6 |
| ENE | .4 | 1.4 | .7 | .4 | | | | | | | | 2.9 | 4.2 |
| E | 1.7 | 2.0 | 1.1 | .5 | .2 | | | | | | | 5.5 | 5.8 |
| ESE | .6 | 1.3 | 1.3 | .9 | .4 | | | | | | | 4.1 | 8.1 |
| SE | 1.0 | 1.6 | 2.0 | 1.4 | | | | | | | | 6.9 | 8.0 |
| SSE | .5 | 1.4 | 6.1 | 3.8 | .1 | | | | | | | 11.9 | 9.5 |
| S | 1.1 | 4.3 | 9.1 | 5.9 | .8 | .1 | | | | | | 21.3 | 9.3 |
| SSW | .4 | .7 | 3.3 | 2.0 | .1 | | | | | | | 6.6 | 9.6 |
| SW | .4 | .5 | 1.9 | .5 | | | | | | | | 3.2 | 8.1 |
| WSW | .2 | .5 | 1.0 | | | | | | | | | 1.7 | 6.2 |
| W | .1 | .1 | .5 | .4 | | | | | | | | 1.1 | 9.3 |
| WNW | .4 | .2 | .8 | .1 | | | | | | | | 1.6 | 7.2 |
| NW | .2 | .5 | .5 | .4 | .2 | | | | | | | 1.8 | 9.1 |
| NNW | .4 | .4 | 2.5 | 1.5 | .7 | .1 | | | | | | 5.6 | 11.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.1 | |
| | 9.6 | 20.3 | 38.9 | 24.5 | 3.3 | .2 | | | | | | 100.0 | 9.5 |

TOTAL NUMBER OF OBSERVATIONS 837

DATA PROCESSING DIVISION
LTAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03933 STATION FORT HOOD TEXAS/FORT HOOD AAF 61-61 YEARS
ALL WEATHER CLASS
CONDITION
1800-2200 HOURS (L.S.T.)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.3 | 3.3 | 3.5 | 1.9 | .4 | | | | | | | 10.4 | 7.7 |
| NNE | 1.2 | 2.7 | 1.4 | .6 | .1 | | | | | | | 6.1 | 6.2 |
| NE | 1.6 | 1.6 | .6 | .1 | | | | | | | | 3.0 | 4.7 |
| ENE | 1.2 | .5 | .6 | .2 | | | | | | | | 2.5 | 5.1 |
| E | 2.2 | 2.6 | .2 | .2 | | | | | | | | 5.3 | 4.1 |
| ESE | 2.6 | 3.5 | .7 | .8 | .1 | | | | | | | 7.8 | 5.3 |
| SE | 3.2 | 3.3 | 2.2 | 1.2 | .5 | | | | | | | 10.4 | 6.6 |
| SSE | 2.4 | 6.0 | 3.8 | 1.4 | .1 | | | | | | | 13.7 | 6.3 |
| S | 2.3 | 4.3 | 4.2 | 3.2 | .6 | | | | | | | 14.6 | 7.6 |
| SSW | .6 | .5 | .5 | .1 | | | | | | | | 1.7 | 5.4 |
| SW | .4 | .6 | .1 | | | | | | | | | 1.1 | 4.0 |
| WSW | | .1 | | | | | | | | | | .1 | 4.0 |
| W | .1 | | .1 | .4 | | | | | | | | .6 | 9.8 |
| WNW | .2 | | .1 | .1 | .1 | | | | | | | .6 | 9.0 |
| NW | .5 | .4 | | .1 | .1 | | | | | | | 1.4 | 5.1 |
| NNW | 1.3 | 3.0 | 1.2 | 1.1 | | | | | | | | 6.6 | 6.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 13.4 | |
| | 21.4 | 32.4 | 19.2 | 11.6 | 2.0 | | | | | | | 100.0 | 5.5 |

TOTAL NUMBER OF OBSERVATIONS 837

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03933 STATION FORT HOOD TEXAS/FORT HOOD AAF STATION NAME 61-69 YEARS CT MONTH 2100-2300 HOURS (L S T.)

ALL WEATHER
CLASS

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------|
| N | .7 | 3.6 | 2.6 | 1.9 | .6 | .1 | | | | | | 9.3 | 8.4 |
| NNE | 1.4 | 1.8 | 1.6 | .5 | .1 | | | | | | | 5.4 | 6.2 |
| NE | .7 | 1.1 | 1.0 | .4 | | | | | | | | 2.6 | 6.9 |
| ENE | .2 | .1 | .5 | | | | | | | | | .8 | 6.0 |
| E | 1.3 | 1.0 | .5 | .1 | | .1 | | | | | | 3.0 | 5.0 |
| ESE | 1.0 | 1.8 | .7 | .6 | | | | | | | | 4.1 | 5.9 |
| SE | 2.5 | 2.9 | 2.2 | 1.6 | .2 | | | | | | | 9.3 | 6.9 |
| SSE | 2.7 | 5.1 | 4.7 | 2.4 | | | | | | | | 14.9 | 6.8 |
| S | 1.8 | 4.2 | 3.5 | 3.1 | .8 | .1 | | | | | | 13.6 | 8.4 |
| SSW | .7 | .5 | .7 | .2 | .4 | | | | | | | 2.5 | 7.8 |
| SW | .4 | .5 | | | | | | | | | | .8 | 3.4 |
| WSW | .1 | .1 | | | | | | | | | | .2 | 3.5 |
| W | .2 | .1 | .6 | .1 | | | | | | | | 1.1 | 7.7 |
| WNW | .2 | .7 | .1 | .1 | | | | | | | | 1.2 | 5.0 |
| NW | .8 | .7 | .1 | .1 | | | | | | | | 1.8 | 4.4 |
| NNW | .8 | 2.3 | 1.1 | 1.1 | .2 | .1 | | | | | | 5.6 | 7.7 |
| VARB | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 23.4 | |
| | 15.3 | 26.4 | 19.7 | 12.3 | 2.4 | .5 | | | | | | 100.0 | 5.4 |

TOTAL NUMBER OF OBSERVATIONS 837

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03033
STATION

FORT HOOD TEXAS/FORT HOOD AAF
STATION NAME

61-69
YEARS

2/14
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.2 | 2.7 | 3.5 | 1.4 | .9 | .2 | | | | | | 9.9 | 8.6 |
| NNE | .9 | .9 | 1.1 | .5 | .1 | | | | | | | 3.5 | 7.0 |
| NE | .7 | .6 | .4 | | | | | | | | | 1.7 | 4.8 |
| ENE | .2 | .1 | .1 | | | | | | | | | .5 | 4.5 |
| E | .9 | .4 | .4 | | | | | | | | | 1.6 | 4.5 |
| ESE | .4 | .4 | .1 | | | | | | | | | .9 | 3.9 |
| SE | .7 | 1.0 | 1.4 | .2 | .1 | | | | | | | 3.5 | 6.7 |
| SSE | 1.5 | 2.2 | 3.2 | 1.1 | .1 | | | | | | | 8.1 | 7.2 |
| S | 3.3 | 6.7 | 4.8 | 1.6 | .2 | | | | | | | 16.7 | 6.5 |
| SSW | 1.4 | 1.4 | 1.0 | .6 | | | | | | | | 4.3 | 6.2 |
| SW | 1.1 | .5 | .3 | .4 | | | | | | | | 2.5 | 5.4 |
| WSW | 1.0 | .2 | | | | | | | | | | 1.9 | 3.7 |
| W | 1.4 | 1.4 | .9 | .2 | | | | | | | | 3.8 | 5.0 |
| WNW | 2.2 | 1.1 | .2 | | | | | | | | | 3.6 | 3.3 |
| NW | 2.7 | 2.2 | 1.1 | .4 | .1 | | | | | | | 6.5 | 4.9 |
| NNW | 1.4 | 2.7 | 1.9 | .6 | .1 | .1 | | | | | | 6.8 | 6.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 24.3 | |
| | 21.0 | 25.1 | 20.5 | 7.0 | 1.7 | .4 | | | | | | 100.0 | 4.7 |

TOTAL NUMBER OF OBSERVATIONS 810

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03033
STATION

FORT HOOD TEXAS/FORT HOOD AAF
STATION NAME

61-69
YEARS

NOV
MONTH

0300-0500
HOURS (LST.)

ALL WEATHER
CLASS

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .5 | 2.7 | 3.6 | 2.2 | .4 | .5 | | | | | | 9.9 | 7.5 |
| NNE | .9 | 1.2 | 1.4 | .4 | | | | | | | | 3.8 | 6.5 |
| NE | .5 | .6 | .1 | | | | | | | | | 1.2 | 5.4 |
| ENE | .4 | .3 | .1 | .2 | | | | | | | | 1.0 | 5.9 |
| E | .6 | .6 | | .7 | | | | | | | | 1.5 | 4.8 |
| ESE | .7 | .6 | .2 | .1 | | | | | | | | 1.7 | 4.7 |
| SE | 1.1 | 2.0 | 1.1 | .2 | | | | | | | | 4.4 | 5.7 |
| SSE | 1.9 | 3.5 | 2.7 | .5 | | | | | | | | 8.7 | 5.9 |
| S | 2.7 | 6.7 | 6.7 | .7 | | | | | | | | 14.8 | 5.9 |
| SSW | 1.2 | .7 | .6 | | | | | | | | | 2.6 | 4.3 |
| SW | .1 | 1.2 | .6 | | | | | | | | | 2.0 | 5.9 |
| WSW | .9 | .9 | .1 | | | | | | | | | 1.9 | 3.8 |
| W | 2.3 | 1.9 | 1.2 | .4 | | | | | | | | 5.8 | 5.3 |
| WNW | 1.4 | .7 | .5 | | | | | | | | | 2.6 | 4.2 |
| NW | 2.1 | 2.3 | 1.0 | .9 | | | | | | | | 6.3 | 5.5 |
| NNW | 2.2 | 2.6 | 2.5 | .6 | .4 | .2 | | | | | | 8.9 | 6.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 23.1 | |
| | 19.9 | 28.5 | 20.5 | 6.5 | .7 | .7 | | | | | | 100.0 | 4.7 |

TOTAL NUMBER OF OBSERVATIONS 810

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 03933 STATION NAME FORT HOOD TEXAS/FORT HOOD AAF YEARS 60-69 MONTH MAY
CLASS ALL WEATHER HOURS (LST) 0600-0800
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.4 | 3.0 | 3.7 | 2.2 | .6 | | | | | | | 11.0 | .2 |
| NNE | .8 | .7 | 1.3 | .9 | | | | | | | | 3.7 | 7.5 |
| NE | .4 | .2 | .6 | .1 | | | | | | | | 1.3 | 6.5 |
| ENE | .3 | | .1 | .1 | | | | | | | | .6 | 5.8 |
| E | .8 | .8 | | | | | | | | | | 1.6 | 3.4 |
| ESE | .1 | 1.0 | .0 | | | | | | | | | 1.9 | 5.8 |
| SE | .9 | 2.1 | 1.3 | | | | | | | | | 4.3 | 5.4 |
| SSE | 2.5 | 2.8 | 3.2 | 1.2 | | | | | | | | 9.7 | 6.4 |
| S | 2.9 | 4.2 | 3.0 | .8 | | | | | | | | 10.9 | 5.7 |
| SSW | .4 | .8 | 1.1 | | | | | | | | | 2.8 | 5.5 |
| SW | .7 | .4 | .3 | | | | | | | | | 1.4 | 4.5 |
| WSW | .2 | .4 | .1 | .2 | | | | | | | | 1.0 | 6.4 |
| W | 1.3 | 1.1 | 1.4 | .3 | | | | | | | | 4.2 | 6.0 |
| WNW | 2.1 | 1.3 | .2 | .4 | | | | | | | | 4.6 | 4.6 |
| NW | 3.2 | 2.5 | 1.8 | .1 | | | | | | | | 7.6 | 4.8 |
| NNW | 1.8 | 2.8 | 2.5 | .9 | .6 | | | | | | | 8.5 | 7.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 24.9 | |
| | 20.5 | 24.6 | 21.5 | 7.4 | 1.1 | | | | | | | 100.0 | 4.7 |

TOTAL NUMBER OF OBSERVATIONS 697

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03033 STATION FORT HOOD TEXAS/FORT HOOD AAF 60-69 YEARS MONTH 09
STATION NAME CLASS ALL WEATHER HOURS (LST) 0900-1100
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.5 | 3.0 | 4.3 | 2.5 | .8 | | | | | | | 13.0 | 3.0 |
| NNE | .7 | 1.0 | 2.0 | 1.0 | .3 | .1 | | | | | | 5.1 | 5.0 |
| NE | .2 | 1.2 | .8 | .3 | | | | | | | | 2.5 | 6.7 |
| ENE | .1 | .6 | .4 | .1 | | | | | | | | 1.2 | 6.6 |
| E | .8 | 1.2 | .7 | | | | | | | | | 2.7 | 5.3 |
| ESE | .7 | .7 | 1.2 | .2 | | | | | | | | 2.8 | 6.4 |
| SE | .9 | 1.3 | 2.2 | .3 | | | | | | | | 4.8 | 6.7 |
| SSE | 1.0 | 2.5 | 4.1 | 1.3 | | | | | | | | 8.9 | 7.5 |
| S | 1.8 | 2.9 | 4.9 | 4.7 | .2 | | | | | | | 14.5 | 8.8 |
| SSW | .9 | 1.3 | 2.7 | .9 | | | | | | | | 5.8 | 7.2 |
| SW | .7 | .8 | 1.4 | 1.7 | | | | | | | | 4.6 | 8.7 |
| WSW | .6 | .6 | .9 | .3 | | | | | | | | 2.3 | 7.0 |
| W | .8 | 1.1 | 1.6 | 1.1 | .2 | | | | | | | 4.8 | 7.9 |
| WNW | .4 | 1.1 | 1.6 | .6 | | | | | | | | 3.7 | 7.5 |
| NW | 1.0 | 2.1 | 1.9 | 1.1 | .2 | .1 | | | | | | 6.5 | 7.9 |
| NNW | 1.2 | 1.6 | 3.0 | 1.7 | .7 | .2 | | | | | | 8.4 | 8.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 8.4 | |
| | 14.2 | 23.0 | 33.8 | 17.8 | 2.5 | .4 | | | | | | 100.0 | 7.2 |

TOTAL NUMBER OF OBSERVATIONS 897

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03933 STATION FORT HOOD TEXAS/FORT HOOD AAF STATION NAME 60-69 YEARS MONTH 1200-1600 HOURS (LST)

ALL WEATHER
CLASS

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .5 | 2.6 | 3.8 | 2.8 | .8 | | | | | | | 10.9 | 9.2 |
| NNE | .4 | 1.5 | 2.2 | 1.5 | .2 | | | | | | | 5.8 | 8.5 |
| NE | .2 | 1.1 | .7 | .1 | | | | | | | | 2.1 | 6.6 |
| ENE | .4 | .9 | 1.0 | | | | | | | | | 2.3 | 6.1 |
| E | .7 | .6 | .2 | .2 | | | | | | | | 1.7 | 5.6 |
| ESE | .7 | .3 | 1.1 | .1 | .1 | | | | | | | 2.3 | 7.0 |
| SE | 1.2 | 2.2 | 2.8 | .8 | | | | | | | | 7.0 | 8.9 |
| SSE | .9 | 1.5 | 2.7 | 1.2 | .3 | | | | | | | 6.6 | 8.4 |
| S | 1.2 | 6.3 | 6.4 | 6.8 | .7 | | | | | | | 19.4 | 9.3 |
| SSW | .6 | 1.5 | 2.7 | 2.0 | .2 | | | | | | | 6.9 | 8.9 |
| SW | .9 | 1.3 | .8 | 1.8 | | | | | | | | 4.8 | 8.5 |
| WSW | .8 | .7 | .8 | .4 | .1 | | | | | | | 2.8 | 7.1 |
| W | .9 | 2.1 | 1.7 | 1.1 | .1 | | | | | | | 5.9 | 7.3 |
| WNW | .8 | 1.0 | 1.2 | .4 | | | | | | | | 3.5 | 7.0 |
| NW | | 1.7 | 1.1 | 1.3 | | | | | | | | 4.1 | 8.5 |
| NNW | 1.0 | 1.3 | 4.6 | 2.0 | 1.0 | | | | | | | 10.0 | 9.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.8 | |
| | 11.6 | 24.5 | 33.6 | 22.7 | 3.6 | | | | | | | 100.0 | 8.0 |

TOTAL NUMBER OF OBSERVATIONS 894

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03033
STATION

FORT HODD TEXAS/FORT HODD AAF
STATION NAME

1-69
YEARS

11
MONTH

ALL WEATHER
CLASS

1400-1700
HOURS (L.S.T.)

CONDITION

| SPEED (K*ITS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|--------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.1 | 4.2 | 3.1 | 3.1 | .3 | .2 | | | | | | 12.1 | 8.7 |
| NNE | .8 | 2.0 | 1.5 | 1.2 | | | | | | | | 5.5 | 7.5 |
| NE | .7 | 1.5 | .9 | .4 | | | | | | | | 3.5 | 6.3 |
| ENE | .6 | 2.0 | .6 | .1 | | | | | | | | 3.3 | 5.3 |
| E | .2 | 1.2 | .3 | | | | | | | | | 1.8 | 5.2 |
| ESE | .6 | 1.5 | .6 | | | | | | | | | 2.6 | 4.9 |
| SE | .6 | 2.2 | 2.7 | .8 | .1 | | | | | | | 6.4 | 7.4 |
| SSE | 1.0 | 2.8 | 3.4 | 1.5 | .1 | | | | | | | 8.8 | 7.8 |
| S | 1.6 | 2.4 | 8.7 | 5.8 | .2 | | | | | | | 18.7 | 9.2 |
| SSW | .1 | 1.2 | 1.6 | 1.0 | | | | | | | | 3.9 | 8.6 |
| SW | .4 | 1.1 | .9 | 1.2 | | | | | | | | 3.7 | 8.3 |
| WSW | .3 | .9 | .8 | .9 | | | | | | | | 2.9 | 8.2 |
| W | 1.3 | 1.3 | 1.0 | 1.0 | | | | | | | | 4.7 | 6.7 |
| WNW | .8 | .8 | 1.5 | .6 | | | | | | | | 3.6 | 7.2 |
| NW | .7 | 1.7 | 1.2 | .6 | .2 | | | | | | | 4.4 | 7.3 |
| NNW | 1.6 | 2.1 | 3.9 | 1.1 | .6 | .1 | | | | | | 8.4 | 8.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 5.7 | |
| | 12.4 | 29.0 | 31.6 | 19.4 | 1.6 | .3 | | | | | | 100.0 | 7.4 |

TOTAL NUMBER OF OBSERVATIONS

890

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03933
STATION

FORT HODD TEXAS/FORT HODD AAF
STATION NAME

60-69
YEARS

12
MONTH

ALL WEATHER
CLASS

1000-2000
HOURS (LST)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.6 | 4.2 | 2.6 | 1.5 | .2 | .1 | | | | | | 11.2 | 5.6 |
| NNE | 1.5 | 1.4 | 1.1 | .5 | | | | | | | | 4.4 | 5.6 |
| NE | 1.5 | 1.1 | .5 | .5 | | | | | | | | 3.5 | 4.9 |
| ENE | 1.0 | .8 | .2 | | | | | | | | | 2.0 | 3.6 |
| E | 1.2 | 1.0 | .3 | | | | | | | | | 2.6 | 3.8 |
| ESE | 1.9 | 1.0 | .5 | | | | | | | | | 3.4 | 3.3 |
| SE | 2.0 | 4.1 | 1.7 | .7 | | | | | | | | 8.5 | 5.5 |
| SSE | 1.8 | 5.1 | 2.5 | 1.0 | | | | | | | | 10.4 | 6.2 |
| S | 2.2 | 3.7 | 2.6 | 1.2 | | | | | | | | 11.7 | 6.1 |
| SSW | .3 | 1.0 | .6 | .5 | | | | | | | | 2.4 | 6.8 |
| SW | .2 | .2 | .2 | | | | | | | | | .7 | 4.8 |
| WSW | .5 | .5 | .2 | | | | | | | | | 1.1 | 4.4 |
| W | .8 | .8 | .3 | | | | | | | | | 1.9 | 4.3 |
| WNW | 1.1 | .8 | .6 | .1 | | | | | | | | 2.6 | 4.5 |
| NW | 1.7 | 1.4 | .1 | .2 | | | | | | | | 3.4 | 4.1 |
| NNW | 1.7 | 2.9 | 2.0 | 1.5 | .2 | | | | | | | 8.4 | 7.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 21.7 | |
| | 22.1 | 32.0 | 14.1 | 7.6 | .5 | .1 | | | | | | 100.0 | 4.5 |

TOTAL NUMBER OF OBSERVATIONS 882

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03933
STATION

FORT HOOD TEXAS/FORT HOOD AAF
STATION NAME

60-69
YEARS

47
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.3 | 3.3 | 3.0 | 1.6 | .5 | | | | | | | 9.7 | 7.6 |
| NNE | .6 | 2.0 | .5 | .4 | | | | | | | | 3.4 | 5.5 |
| NE | .6 | 1.1 | .2 | | | | | | | | | 1.7 | 4.6 |
| ENE | .4 | .6 | .4 | | | | | | | | | 1.3 | 4.8 |
| E | 1.2 | .7 | .2 | | | | | | | | | 2.1 | 3.7 |
| ESE | .2 | .8 | .2 | | | | | | | | | 1.3 | 4.7 |
| SE | 1.4 | 2.3 | 1.3 | .1 | .1 | .1 | | | | | | 5.4 | 6.1 |
| SSE | 1.8 | 3.5 | 3.7 | 1.9 | | | | | | | | 10.9 | 7.4 |
| S | 2.6 | 4.6 | 4.1 | 1.5 | .1 | | | | | | | 12.8 | 6.6 |
| SSW | .7 | .9 | .4 | .4 | | | | | | | | 2.3 | 6.2 |
| SW | .7 | .6 | .7 | .4 | | | | | | | | 2.3 | 6.4 |
| WSW | .7 | .6 | | | | | | | | | | 1.3 | 3.5 |
| W | .8 | 1.5 | .6 | | | | | | | | | 2.9 | 4.8 |
| WNW | .8 | .5 | .2 | | | | | | | | | 1.5 | 3.8 |
| NW | 2.3 | 2.0 | .6 | .4 | | | | | | | | 5.3 | 4.6 |
| NNW | .8 | 2.8 | 2.0 | 1.2 | .2 | | | | | | | 7.0 | 7.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 28.7 | |
| | 16.8 | 27.7 | 18.1 | 7.7 | .9 | .1 | | | | | | 100.0 | 4.5 |

TOTAL NUMBER OF OBSERVATIONS 857

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

02033 STATION FORT HOOD TEXAS/FORT HOOD AAF STATION NAME 61-67 YEARS MONTH 0000-0200 HOURS (LST)

ALL WEATHER CLASS

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------|
| N | 1.0 | 2.9 | 3.8 | 3.1 | .6 | | | | | | | 12.0 | 8.4 |
| NNE | .6 | 1.2 | 1.4 | .7 | .5 | | | | | | | 4.4 | 2.6 |
| NE | .6 | .4 | .1 | .1 | | | | | | | | 1.6 | 4.6 |
| ENE | .7 | .2 | | | | | | | | | | 1.0 | 3.0 |
| E | .2 | .6 | | | | | | | | | | .8 | 3.9 |
| ESE | 1.2 | .4 | | | | | | | | | | 1.6 | 2.8 |
| SE | 1.2 | 1.8 | .7 | | | | | | | | | 3.7 | 4.6 |
| SSE | 2.8 | 3.1 | 1.9 | 1.1 | | | | | | | | 8.9 | 5.7 |
| S | 3.2 | 4.4 | 4.6 | 1.6 | .1 | | | | | | | 13.9 | 6.5 |
| SSW | 1.4 | 1.2 | .5 | .4 | | | | | | | | 3.5 | 3.0 |
| SW | .6 | 1.2 | .4 | | | | | | | | | 2.2 | 4.6 |
| WSW | .2 | 1.4 | | .1 | | | | | | | | 1.8 | 4.9 |
| W | 1.8 | 1.7 | .5 | | | | | | | | | 4.0 | 3.8 |
| WNW | 1.3 | 2.0 | .6 | .8 | .1 | | | | | | | 4.9 | 6.3 |
| NW | 1.7 | 2.9 | 1.0 | .8 | .1 | | | | | | | 6.5 | 6.0 |
| NNW | 1.0 | 2.8 | 2.5 | 1.2 | .7 | | | | | | | 8.8 | 7.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 20.7 | |
| | 21.0 | 28.2 | 18.0 | 10.0 | 2.2 | | | | | | | 100.0 | 5.1 |

TOTAL NUMBER OF OBSERVATIONS 834

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/HAC.

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03033 STATION FORT HODD TEXAS/FORT HODD AAF STATION NAME 61-69 YEARS MONTH 0300-0500 HOURS (LST) CLASS ALL WEATHER CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------|
| N | 1.3 | 2.4 | 4.2 | 3.9 | .5 | | | | | | | 12.3 | 9.0 |
| NNE | 1.1 | 1.2 | 1.0 | .6 | .2 | | | | | | | 4.1 | 7.2 |
| NE | .0 | .1 | .5 | .1 | | | | | | | | 1.3 | 5.7 |
| ENE | .1 | .2 | | | | | | | | | | .5 | 3.8 |
| E | .4 | .4 | | | | | | | | | | .7 | 3.2 |
| ESE | .8 | .7 | .1 | | | | | | | | | 1.7 | 3.7 |
| SE | 1.0 | 1.0 | 1.0 | .1 | | | | | | | | 3.6 | 4.3 |
| SSE | 1.0 | 3.2 | 2.0 | .4 | | | | | | | | 7.2 | 5.7 |
| S | 2.3 | 4.3 | 4.1 | 1.0 | | | | | | | | 11.6 | 6.5 |
| SSW | .5 | 1.4 | .6 | .1 | | | | | | | | 2.6 | 4.5 |
| SW | .6 | 1.1 | .5 | | | | | | | | | 2.2 | 4.7 |
| WSW | .8 | .7 | .1 | | | | | | | | | 1.7 | 3.8 |
| W | 2.2 | 1.7 | .1 | .4 | | | | | | | | 4.3 | 4.2 |
| WNW | 2.4 | 2.2 | .6 | .7 | | | | | | | | 5.9 | 5.0 |
| NW | 1.6 | 2.0 | 1.3 | 1.7 | | | | | | | | 6.6 | 7.3 |
| NNW | 2.5 | 2.2 | 3.0 | 1.8 | .7 | .1 | | | | | | 10.3 | 7.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 23.7 | |
| | 20.2 | 24.9 | 19.0 | 10.8 | 1.4 | .1 | | | | | | 100.6 | 5.0 |

TOTAL NUMBER OF OBSERVATIONS 817

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/HAF

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03933
STATION

FORT HOOD TEXAS/FORT HOOD AAF
STATION NAME

60-69
YEARS

DEC
MONTH

ALL WEATHER
CLASS

0600-0900
HOURS (LST)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.1 | 2.5 | 4.7 | 2.9 | .2 | | | | | | | 11.4 | 8.5 |
| NNE | 1.0 | .6 | 1.4 | .5 | .2 | | | | | | | 3.9 | 7.6 |
| NE | .6 | .8 | .4 | | .1 | .1 | | | | | | 2.0 | 6.4 |
| ENE | .2 | .1 | | | | | | | | | | .3 | 3.0 |
| E | .5 | .2 | | | | | | | | | | .8 | 2.9 |
| ESE | 1.2 | 1.2 | .6 | | | | | | | | | 3.0 | 4.5 |
| SE | 1.2 | 2.3 | .5 | .2 | | | | | | | | 4.2 | 5.0 |
| SSE | 1.2 | 2.7 | 1.5 | .5 | | | | | | | | 5.9 | 6.0 |
| S | 2.8 | 3.4 | 3.2 | .5 | | | | | | | | 10.0 | 5.7 |
| SSW | 1.1 | 1.0 | .5 | .1 | | | | | | | | 2.7 | 4.6 |
| SW | .4 | .5 | .2 | | | | | | | | | 1.2 | 4.3 |
| WSW | .3 | .8 | .4 | .4 | | | | | | | | 1.9 | 6.7 |
| W | 1.0 | 1.8 | 1.0 | .3 | | | | | | | | 4.1 | 3.9 |
| WNW | 1.9 | 2.2 | 1.3 | .4 | | | | | | | | 5.8 | 5.2 |
| NW | 2.9 | 2.3 | 2.2 | 2.0 | .3 | | | | | | | 9.7 | 7.0 |
| NNW | 2.9 | 2.2 | 3.3 | 2.7 | .5 | .1 | | | | | | 11.3 | 8.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 21.7 | |
| | 14.9 | 24.6 | 21.4 | 10.9 | 1.4 | .2 | | | | | | 100.0 | 5.1 |

TOTAL NUMBER OF OBSERVATIONS 928

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 03933 STATION NAME FORT HOOD TEXAS/FORT HOOD AAF YEARS 60-69 MONTH 11
CLASS ALL WEATHER HOURS (LST) 0900-1100
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------|
| N | 1.5 | 1.4 | 5.7 | 5.2 | .8 | | | | | | | 14.5 | 9.8 |
| NNE | .9 | .8 | 1.9 | 2.0 | .1 | | | | | | | 5.7 | 8.9 |
| NE | .1 | 1.2 | .8 | .3 | .2 | | | | | | | 2.6 | 7.9 |
| ENE | .3 | 1.0 | .4 | | | | | | | | | 1.7 | 5.1 |
| E | .4 | 1.3 | .2 | .1 | | | | | | | | 2.0 | 5.2 |
| ESE | 1.1 | 1.3 | .6 | | | | | | | | | 3.0 | 4.7 |
| SE | 1.1 | 2.6 | 1.7 | .1 | | | | | | | | 5.5 | 5.5 |
| SSE | 1.1 | 2.0 | 2.3 | 1.5 | | | | | | | | 6.9 | 7.3 |
| S | 2.2 | 3.8 | 5.2 | 2.4 | .1 | | | | | | | 13.5 | 7.4 |
| SSW | .3 | 1.7 | 1.6 | 1.0 | | | | | | | | 4.6 | 7.7 |
| SW | .8 | 1.0 | .8 | .9 | | .1 | | | | | | 3.4 | 7.5 |
| WSW | .1 | .4 | .1 | .2 | | | | | | | | .9 | 6.6 |
| W | 1.6 | 1.9 | 2.0 | .9 | | | | | | | | 6.5 | 6.6 |
| WNW | .9 | 1.0 | 1.8 | .6 | .2 | | | | | | | 4.5 | 7.7 |
| NW | 1.9 | 2.2 | 2.5 | 1.3 | .0 | .1 | | | | | | 8.0 | 9.1 |
| NNW | .3 | 1.3 | 2.4 | 2.8 | .9 | .1 | | | | | | 8.7 | 11.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 8.0 | |
| | 13.5 | 24.7 | 30.0 | 20.2 | 3.2 | .3 | | | | | | 100.0 | 7.4 |

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03933 STATION FORT HOOD TEXAS/FORT HOOD AAF CLASS ALL WEATHER YEARS 60-69 MONTH DEC
1200-1400 HOURS (LST)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .4 | 2.2 | 5.3 | 4.4 | 1.2 | | | | | | | 14.3 | 10.2 |
| NNE | .3 | 1.8 | 1.2 | 1.7 | .2 | | | | | | | 5.3 | 8.6 |
| NE | .2 | .9 | .9 | .9 | | | | | | | | 2.8 | 8.5 |
| ENE | .3 | .6 | | | | | | | | | | 1.2 | 3.9 |
| E | .3 | 1.0 | .4 | .1 | | | | | | | | 1.8 | 6.2 |
| ESE | .8 | .9 | .9 | .1 | | | | | | | | 2.6 | 5.7 |
| SE | .5 | 1.7 | 1.9 | .4 | | | | | | | | 4.6 | 6.8 |
| SSE | .8 | 1.8 | 2.4 | 1.6 | .2 | | | | | | | 6.8 | 8.3 |
| S | 1.4 | 3.1 | 5.5 | 3.4 | .3 | | | | | | | 15.7 | 9.1 |
| SSW | .4 | 1.6 | 2.4 | 2.6 | .2 | | | | | | | 7.2 | 9.4 |
| SW | .4 | .8 | 1.7 | .5 | .1 | | | | | | | 3.5 | 8.1 |
| WSW | .3 | .6 | 1.1 | .4 | .1 | .1 | | | | | | 2.7 | 8.9 |
| W | 1.2 | 1.9 | 2.8 | .6 | | | | | | | | 6.6 | 6.9 |
| WNW | .4 | 1.1 | 1.0 | 1.3 | .5 | | | | | | | 4.3 | 10.0 |
| NW | .8 | 1.3 | 2.4 | 1.7 | .8 | | | | | | | 6.9 | 9.6 |
| NNW | .9 | 1.8 | 2.4 | 2.3 | 1.6 | .1 | | | | | | 9.2 | 10.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 4.5 | |
| | 10.1 | 23.1 | 32.0 | 24.7 | 3.3 | .2 | | | | | | 100.0 | 8.5 |

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/IAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 03933 STATION NAME FORT HODD TEXAS/FORT HODD AAF YEARS 60-69 MONTH DEC
CLASS ALL WEATHER HOURS 1500-1700
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.4 | 2.6 | 5.8 | 4.0 | 1.1 | .1 | | | | | | 14.9 | 9.5 |
| NNE | .3 | 2.2 | 1.9 | 1.4 | .1 | | | | | | | 5.9 | 8.3 |
| NE | .6 | 1.5 | .8 | .5 | | | | | | | | 3.4 | 6.5 |
| ENE | .5 | .6 | .1 | .1 | | | | | | | | 1.4 | 4.6 |
| E | .5 | 1.7 | .4 | | | | | | | | | 2.7 | 4.6 |
| ESE | .7 | .9 | .3 | .1 | | | | | | | | 1.2 | 6.0 |
| SE | 1.0 | 2.4 | 2.0 | .4 | | | | | | | | 5.8 | 6.5 |
| SSE | .5 | 2.7 | 4.0 | 2.5 | | | | | | | | 9.7 | 8.6 |
| S | .9 | 5.5 | 5.9 | 4.6 | .3 | | | | | | | 17.4 | 8.6 |
| SSW | .4 | 1.0 | 2.5 | 1.0 | | | | | | | | 4.8 | 8.1 |
| SW | .8 | 1.2 | .8 | .3 | | | | | | | | 3.0 | 5.8 |
| WSW | .5 | .6 | 1.4 | .1 | .1 | | | | | | | 2.8 | 7.2 |
| W | 1.3 | 1.1 | .3 | 1.1 | .2 | | | | | | | 4.0 | 7.5 |
| WNW | .4 | .5 | 1.2 | .6 | | | | | | | | 2.8 | 7.7 |
| NW | .5 | 1.4 | 1.8 | 2.7 | .9 | | | | | | | 7.3 | 10.3 |
| NNW | .2 | 1.5 | 2.3 | 3.5 | .8 | | | | | | | 8.3 | 10.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 4.5 | |
| | 10.2 | 27.0 | 31.5 | 23.2 | 3.4 | .1 | | | | | | 100.0 | 8.0 |

TOTAL NUMBER OF OBSERVATIONS 9311

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03933 STATION FORT HOOD TEXAS/FORT HOOD AAF 60-69 YEARS DEC MONTH
ALL WEATHER CLASS 1800-2000 HOURS (L.S.T.)
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------|
| N | 2.0 | 4.1 | 3.9 | 3.8 | .4 | .7 | | | | | | 14.4 | 8.6 |
| NNE | .8 | 1.5 | 1.2 | 1.0 | | | | | | | | 4.4 | 7.0 |
| NE | .9 | 1.1 | .8 | .1 | | | | | | | | 2.8 | 5.3 |
| ENE | 1.0 | .9 | .1 | .1 | | | | | | | | 2.0 | 4.0 |
| E | 2.5 | 1.5 | | | | | | | | | | 4.0 | 3.2 |
| ESE | 1.6 | 1.3 | .2 | | | | | | | | | 3.1 | 3.9 |
| SE | 1.8 | 4.2 | 1.9 | .4 | | | | | | | | 8.4 | 5.6 |
| SSE | 2.9 | 4.9 | 4.0 | .5 | | | | | | | | 12.4 | 5.7 |
| S | 2.5 | 5.7 | 3.3 | 1.2 | | | | | | | | 12.7 | 6.0 |
| SSW | .6 | .9 | .5 | | | | | | | | | 2.0 | 5.0 |
| SW | .4 | .3 | .1 | | | | | | | | | .9 | 3.8 |
| WSW | .6 | .8 | .3 | | | | | | | | | 1.7 | 4.4 |
| W | .6 | .3 | .6 | .1 | | | | | | | | 1.7 | 5.7 |
| WNW | 1.0 | .9 | .6 | .2 | | | | | | | | 2.7 | 3.3 |
| NW | 1.5 | 1.9 | 1.8 | 1.3 | | | | | | | | 6.6 | 7.0 |
| NNW | 1.0 | 2.0 | 2.9 | 1.6 | .3 | | | | | | | 7.8 | 8.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 12.4 | |
| | 21.7 | 32.3 | 22.4 | 10.3 | .8 | .2 | | | | | | 100.0 | 5.5 |

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03033
STATION

FORT HOOD TEXAS/FORT HOOD AAF
STATION NAME

50-53
YEARS

DEC
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (LST)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.0 | 3.0 | 3.0 | 3.3 | .8 | | | | | | | 12.1 | 8.5 |
| NNE | .7 | 1.0 | 1.1 | 1.0 | | | | | | | | 3.8 | 7.8 |
| NE | .6 | .8 | .2 | | | | | | | | | 1.6 | 4.0 |
| ENE | .1 | .1 | .1 | | | | | | | | | .3 | 5.0 |
| E | 1.4 | 1.1 | .2 | | | | | | | | | 2.8 | 3.5 |
| ESE | 1.4 | .9 | .2 | | | | | | | | | 2.6 | 3.7 |
| SE | 1.9 | 2.4 | .9 | .8 | | | | | | | | 6.0 | 5.5 |
| SSE | 2.3 | 4.0 | 2.4 | .4 | | | | | | | | 9.7 | 5.8 |
| S | 3.4 | 3.7 | 3.6 | 2.1 | | | | | | | | 12.8 | 6.5 |
| SSW | .4 | 1.7 | 1.0 | | | | | | | | | 3.6 | 5.3 |
| SW | .7 | .7 | .3 | .2 | | | | | | | | 1.9 | 5.7 |
| WSW | .4 | .7 | .1 | | | | | | | | | 1.2 | 4.4 |
| W | 1.2 | .9 | .4 | | | | | | | | | 2.6 | 4.3 |
| WNW | 1.0 | .9 | 1.1 | | | | | | | | | 3.0 | 5.2 |
| NW | 1.2 | 2.8 | 1.2 | 2.0 | | | | | | | | 7.2 | 7.5 |
| NNW | .4 | 2.1 | 2.4 | 1.3 | .7 | | | | | | | 7.5 | 8.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 21.5 | |
| | 20.2 | 26.7 | 18.5 | 11.7 | 1.4 | | | | | | | 100.0 | 5.1 |

TOTAL NUMBER OF OBSERVATIONS

499

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03933
STATION

FORT HODD TEXAS/FORT HODD AAF
STATION NAME

50-70
YEARS

ALL
MONTH

INSTRUMENT
CLASS

ALL
HOURS (LST)

CIG 200 TO 1400 FT W/ VSBY 1/2 MI OR MORE,
CONDITION

AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .8 | 2.3 | 4.9 | 3.9 | .6 | .1 | .0 | | | | | 12.6 | 9.5 |
| NNE | .5 | 1.5 | 2.1 | 1.3 | .2 | .1 | .1 | | | | | 5.7 | 8.9 |
| NE | .5 | 1.2 | 1.4 | .6 | .0 | .0 | .0 | | | | | 3.7 | 7.8 |
| ENE | .4 | 1.0 | .8 | .3 | .0 | | | | | | | 2.5 | 6.7 |
| E | .7 | 1.6 | 1.3 | .5 | .0 | | | | | | | 4.1 | 6.6 |
| ESE | .8 | 1.4 | 1.6 | .8 | .1 | .0 | | | | | | 4.7 | 7.4 |
| SE | 1.0 | 2.9 | 3.0 | 1.8 | .1 | | | | | | | 8.8 | 7.3 |
| SSE | 1.2 | 3.6 | 6.2 | 3.9 | .2 | | | | | | | 15.7 | 8.5 |
| S | 1.3 | 4.2 | 7.0 | 4.2 | .5 | .1 | | | | | | 17.9 | 8.7 |
| SSW | .3 | .9 | 1.0 | .8 | .1 | .0 | | | | | | 3.1 | 8.5 |
| SW | .1 | .2 | .3 | .3 | .1 | | | | | | | 1.2 | 8.6 |
| WSW | .1 | .2 | .1 | .0 | .0 | | | | | | | .5 | 7.2 |
| W | .2 | .3 | .3 | .1 | .0 | | | | | | | 1.0 | 7.6 |
| WNW | .2 | .4 | .4 | .3 | .0 | | .0 | | | | | 1.3 | 7.7 |
| NW | .4 | .6 | 1.2 | 1.2 | .2 | .0 | | | | | | 3.7 | 9.6 |
| NNW | .4 | 1.1 | 2.3 | 2.5 | .9 | .1 | | | | | | 7.3 | 10.9 |
| VARSL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 6.0 | |
| | 8.9 | 23.3 | 35.6 | 22.5 | 3.0 | .6 | .1 | | | | | 100.0 | 8.1 |

TOTAL NUMBER OF OBSERVATIONS 10903

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE (MAC)
ASHEVILLE, NORTH CAROLINA

PART D

CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|-----|-----|-----|------|------|------|------|------|------|-----|-----|-----|--------|-----|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | | | | | | | | | | | | | | | |
| 1800 | | | | | | | | | | | | | | | | |
| 1500 | | | | | 91.0 | | | | | | | | | | | 92.6 |
| 1200 | | | | | | | | | | | | | | | | |
| 1000 | | | | | | | | | | | | | | | | |
| 900 | | | | | | | | | | | | | | | | |
| 800 | | | | | | | | | | | | | | | | |
| 700 | | | | | | | | | | | | | | | | |
| 600 | | | | | | | | | | | | | | | | |
| 500 | | | | | | | | | | 97.4 | | | | | | 98.1 |
| 400 | | | | | | | | | | | | | | | | |
| 300 | | | | | | | | | | | | | | | | |
| 200 | | | | | | | | | | | | | | | | |
| 100 | | | | | 95.4 | | 96.9 | | | 98.3 | | | | | | 100.0 |
| 0 | | | | | | | | | | | | | | | | |

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0 .
For instance, from the table: Ceiling ≥ 1500 feet = 92.6%.
Ceiling ≥ 500 feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0 . From the table:
Visibility ≥ 3 miles = 95.4%.
Visibility ≥ 2 miles = 96.9%.
Visibility ≥ 1 mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

ADDITIONAL EXAMPLES

EXAMPLE # 4 Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%. Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of ≥ 1500 feet with ≥ 3 miles, subtracted from 97.4 read from the table at the intersection of ≥ 500 feet with ≥ 1 mile is equal to 6.4%. Thus, 6.4 percent of the observations meet the criteria: "ceiling ≥ 500 feet with visibility ≥ 1 mile, but < 3 miles; or ceiling ≥ 500 feet, but < 1500 feet with visibility ≥ 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

DATA PROCESSING DIVISION
USAF ETAC
AIP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03933
STATION

FORT HOOD TEXAS/FORT HOOD AAF
STATION NAME

60-70
YEARS

ALL
MONTHS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS EST

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ¾ | ¾ | ¾ | ¾ | ≥5/16 | ≥0 |
| NO CEILING | 55.3 | 57.8 | 58.2 | 58.3 | 58.4 | 58.4 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.6 |
| ≥ 20000 | 61.7 | 64.6 | 65.0 | 65.1 | 65.2 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.5 |
| ≥ 18000 | 61.7 | 64.6 | 65.0 | 65.1 | 65.2 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.5 |
| ≥ 16000 | 61.7 | 64.7 | 65.0 | 65.2 | 65.3 | 65.3 | 65.3 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.5 |
| ≥ 14000 | 62.0 | 65.0 | 65.4 | 65.5 | 65.6 | 65.6 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.8 | 65.8 | 65.8 | 65.8 |
| ≥ 12000 | 63.1 | 66.2 | 66.6 | 66.7 | 66.8 | 66.8 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 67.0 | 67.0 | 67.0 | 67.1 |
| ≥ 10000 | 65.0 | 68.2 | 68.7 | 68.8 | 68.9 | 68.9 | 69.0 | 69.0 | 69.0 | 69.0 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.2 |
| ≥ 9000 | 65.7 | 69.0 | 69.5 | 69.6 | 69.7 | 69.7 | 69.8 | 69.8 | 69.8 | 69.8 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 70.0 |
| ≥ 8000 | 67.0 | 70.5 | 70.9 | 71.1 | 71.2 | 71.2 | 71.3 | 71.3 | 71.3 | 71.3 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.5 |
| ≥ 7000 | 67.8 | 71.4 | 71.9 | 72.1 | 72.2 | 72.2 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.4 | 72.4 | 72.5 |
| ≥ 6000 | 68.4 | 72.2 | 72.7 | 72.9 | 73.0 | 73.0 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.2 | 73.2 | 73.2 | 73.3 |
| ≥ 5000 | 69.2 | 73.1 | 73.7 | 73.9 | 74.0 | 74.0 | 74.1 | 74.1 | 74.1 | 74.1 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.3 |
| ≥ 4500 | 69.8 | 73.7 | 74.3 | 74.5 | 74.6 | 74.6 | 74.7 | 74.7 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.9 |
| ≥ 4000 | 70.7 | 74.9 | 75.5 | 75.7 | 75.8 | 75.9 | 75.9 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.1 |
| ≥ 3500 | 71.8 | 76.1 | 76.7 | 76.9 | 77.1 | 77.1 | 77.2 | 77.2 | 77.2 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.4 |
| ≥ 3000 | 73.1 | 77.6 | 78.3 | 78.5 | 78.7 | 78.7 | 78.8 | 78.8 | 78.8 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 79.0 |
| ≥ 2500 | 74.5 | 79.4 | 80.1 | 80.3 | 80.5 | 80.5 | 80.6 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.8 | 80.8 |
| ≥ 2000 | 76.2 | 81.6 | 82.4 | 82.7 | 82.9 | 82.9 | 83.0 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.2 | 83.2 | 83.2 |
| ≥ 1800 | 77.1 | 82.7 | 83.5 | 83.8 | 84.0 | 84.0 | 84.1 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.3 | 84.3 | 84.3 | 84.4 |
| ≥ 1500 | 78.5 | 84.6 | 85.4 | 85.8 | 86.0 | 86.1 | 86.2 | 86.2 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.4 | 86.4 |
| ≥ 1200 | 80.3 | 87.3 | 88.4 | 88.8 | 89.1 | 89.2 | 89.3 | 89.3 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.5 | 89.5 |
| ≥ 1000 | 81.2 | 88.8 | 90.0 | 90.5 | 90.8 | 90.9 | 91.0 | 91.1 | 91.1 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.3 |
| ≥ 900 | 81.5 | 89.5 | 90.7 | 91.3 | 91.6 | 91.7 | 91.9 | 91.9 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.1 | 92.1 |
| ≥ 800 | 81.8 | 90.2 | 91.6 | 92.1 | 92.5 | 92.7 | 92.9 | 92.9 | 93.0 | 93.0 | 93.0 | 93.0 | 93.1 | 93.1 | 93.1 | 93.2 |
| ≥ 700 | 82.1 | 90.8 | 92.3 | 93.0 | 93.4 | 93.6 | 93.8 | 93.9 | 93.9 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.1 | 94.1 |
| ≥ 600 | 82.2 | 91.2 | 92.9 | 93.7 | 94.2 | 94.4 | 94.7 | 94.8 | 94.9 | 94.9 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.1 |
| ≥ 500 | 82.3 | 91.6 | 93.5 | 94.4 | 95.1 | 95.4 | 95.6 | 96.0 | 96.1 | 96.1 | 96.2 | 96.2 | 96.2 | 96.2 | 96.3 | 96.3 |
| ≥ 400 | 82.3 | 91.8 | 93.9 | 95.0 | 95.8 | 96.2 | 96.8 | 97.1 | 97.2 | 97.3 | 97.4 | 97.4 | 97.4 | 97.5 | 97.5 | 97.6 |
| ≥ 300 | 82.4 | 91.9 | 94.1 | 95.2 | 96.2 | 96.6 | 97.4 | 97.8 | 98.0 | 98.2 | 98.3 | 98.3 | 98.4 | 98.4 | 98.5 | 98.6 |
| ≥ 200 | 82.4 | 91.9 | 94.1 | 95.3 | 96.3 | 96.7 | 97.6 | 98.1 | 98.3 | 98.6 | 98.8 | 98.8 | 98.9 | 99.0 | 99.1 | 99.2 |
| ≥ 100 | 82.4 | 91.9 | 94.1 | 95.3 | 96.3 | 96.7 | 97.6 | 98.1 | 98.4 | 98.7 | 98.9 | 98.9 | 99.1 | 99.3 | 99.4 | 99.6 |
| ≥ 0 | 82.4 | 91.9 | 94.1 | 95.3 | 96.3 | 96.7 | 97.6 | 98.1 | 98.4 | 98.7 | 98.9 | 98.9 | 99.2 | 99.3 | 99.5 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 83699

DATA ON THIS DIVISION
USAF ETAC
AIR FORCE SERVICE/AC

CEILING VERSUS VISIBILITY

STATION NAME 30743 30743 TEXAS/PORT 6107

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | |
|-----------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|-------|------|--------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ 5/8 | ≥ ½ | ≥ 5/16 | ≥ ¼ |
| NO CEILING ≥ 20000 | 4.4 | 47.0 | 47.3 | 3.10 | 50.1 | 4.2 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| 18000 | 4.4 | 45.9 | 46.2 | 3.10 | 50.3 | 4.2 | 50.1 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| 16000 | 4.4 | 45.9 | 46.2 | 3.10 | 50.3 | 4.2 | 50.1 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| 14000 | 4.4 | 45.9 | 46.2 | 3.10 | 50.3 | 4.2 | 50.1 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| 12000 | 4.4 | 45.9 | 46.2 | 3.10 | 50.3 | 4.2 | 50.1 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| 10000 | 4.4 | 45.9 | 46.2 | 3.10 | 50.3 | 4.2 | 50.1 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| 9000 | 4.4 | 45.9 | 46.2 | 3.10 | 50.3 | 4.2 | 50.1 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| 8000 | 4.4 | 45.9 | 46.2 | 3.10 | 50.3 | 4.2 | 50.1 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| 7000 | 4.4 | 45.9 | 46.2 | 3.10 | 50.3 | 4.2 | 50.1 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| 6000 | 4.4 | 45.9 | 46.2 | 3.10 | 50.3 | 4.2 | 50.1 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| 5000 | 4.4 | 45.9 | 46.2 | 3.10 | 50.3 | 4.2 | 50.1 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| 4500 | 4.4 | 45.9 | 46.2 | 3.10 | 50.3 | 4.2 | 50.1 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| 4000 | 4.4 | 45.9 | 46.2 | 3.10 | 50.3 | 4.2 | 50.1 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| 3500 | 4.4 | 45.9 | 46.2 | 3.10 | 50.3 | 4.2 | 50.1 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| 3000 | 4.4 | 45.9 | 46.2 | 3.10 | 50.3 | 4.2 | 50.1 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| 2500 | 4.4 | 45.9 | 46.2 | 3.10 | 50.3 | 4.2 | 50.1 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| 2000 | 4.4 | 45.9 | 46.2 | 3.10 | 50.3 | 4.2 | 50.1 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| 1800 | 4.4 | 45.9 | 46.2 | 3.10 | 50.3 | 4.2 | 50.1 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| 1500 | 4.4 | 45.9 | 46.2 | 3.10 | 50.3 | 4.2 | 50.1 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| 1200 | 4.4 | 45.9 | 46.2 | 3.10 | 50.3 | 4.2 | 50.1 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| 1000 | 4.4 | 45.9 | 46.2 | 3.10 | 50.3 | 4.2 | 50.1 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| 900 | 4.4 | 45.9 | 46.2 | 3.10 | 50.3 | 4.2 | 50.1 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| 800 | 4.4 | 45.9 | 46.2 | 3.10 | 50.3 | 4.2 | 50.1 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| 700 | 4.4 | 45.9 | 46.2 | 3.10 | 50.3 | 4.2 | 50.1 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| 600 | 4.4 | 45.9 | 46.2 | 3.10 | 50.3 | 4.2 | 50.1 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| 500 | 4.4 | 45.9 | 46.2 | 3.10 | 50.3 | 4.2 | 50.1 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| 400 | 4.4 | 45.9 | 46.2 | 3.10 | 50.3 | 4.2 | 50.1 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| 300 | 4.4 | 45.9 | 46.2 | 3.10 | 50.3 | 4.2 | 50.1 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| 200 | 4.4 | 45.9 | 46.2 | 3.10 | 50.3 | 4.2 | 50.1 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| 100 | 4.4 | 45.9 | 46.2 | 3.10 | 50.3 | 4.2 | 50.1 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| 0 | 4.4 | 45.9 | 46.2 | 3.10 | 50.3 | 4.2 | 50.1 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |

TOTAL NUMBER OF OBSERVATIONS

1727

DATE PREPARED: 10/1/64
 BY: [illegible]
 AIR FORCE: [illegible]

CEILING VERSUS VISIBILITY

STATION: [illegible] STATION NO.: [illegible] YEARS: [illegible] MONTH: [illegible]
 HOURS (L.S.T.): [illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|-----|-------|-----|--------|-----|-----|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ 5/8 | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 7.1 | 24.7 | 33.8 | 35.7 | 33.1 | 28.7 | 24.9 | 20.1 | 15.1 | 10.1 | 6.1 | 3.1 | 1.7 | 0.7 | 0.1 | 0.1 |
| ≥ 20000 | 7.1 | 24.7 | 33.8 | 35.7 | 33.1 | 28.7 | 24.9 | 20.1 | 15.1 | 10.1 | 6.1 | 3.1 | 1.7 | 0.7 | 0.1 | 0.1 |
| 15000 | 7.1 | 24.7 | 33.8 | 35.7 | 33.1 | 28.7 | 24.9 | 20.1 | 15.1 | 10.1 | 6.1 | 3.1 | 1.7 | 0.7 | 0.1 | 0.1 |
| 14000 | 7.1 | 24.7 | 33.8 | 35.7 | 33.1 | 28.7 | 24.9 | 20.1 | 15.1 | 10.1 | 6.1 | 3.1 | 1.7 | 0.7 | 0.1 | 0.1 |
| 13000 | 7.1 | 24.7 | 33.8 | 35.7 | 33.1 | 28.7 | 24.9 | 20.1 | 15.1 | 10.1 | 6.1 | 3.1 | 1.7 | 0.7 | 0.1 | 0.1 |
| 12000 | 7.1 | 24.7 | 33.8 | 35.7 | 33.1 | 28.7 | 24.9 | 20.1 | 15.1 | 10.1 | 6.1 | 3.1 | 1.7 | 0.7 | 0.1 | 0.1 |
| 11000 | 7.1 | 24.7 | 33.8 | 35.7 | 33.1 | 28.7 | 24.9 | 20.1 | 15.1 | 10.1 | 6.1 | 3.1 | 1.7 | 0.7 | 0.1 | 0.1 |
| 10000 | 7.1 | 24.7 | 33.8 | 35.7 | 33.1 | 28.7 | 24.9 | 20.1 | 15.1 | 10.1 | 6.1 | 3.1 | 1.7 | 0.7 | 0.1 | 0.1 |
| 9000 | 7.1 | 24.7 | 33.8 | 35.7 | 33.1 | 28.7 | 24.9 | 20.1 | 15.1 | 10.1 | 6.1 | 3.1 | 1.7 | 0.7 | 0.1 | 0.1 |
| 8000 | 7.1 | 24.7 | 33.8 | 35.7 | 33.1 | 28.7 | 24.9 | 20.1 | 15.1 | 10.1 | 6.1 | 3.1 | 1.7 | 0.7 | 0.1 | 0.1 |
| 7000 | 7.1 | 24.7 | 33.8 | 35.7 | 33.1 | 28.7 | 24.9 | 20.1 | 15.1 | 10.1 | 6.1 | 3.1 | 1.7 | 0.7 | 0.1 | 0.1 |
| 6000 | 7.1 | 24.7 | 33.8 | 35.7 | 33.1 | 28.7 | 24.9 | 20.1 | 15.1 | 10.1 | 6.1 | 3.1 | 1.7 | 0.7 | 0.1 | 0.1 |
| 5000 | 7.1 | 24.7 | 33.8 | 35.7 | 33.1 | 28.7 | 24.9 | 20.1 | 15.1 | 10.1 | 6.1 | 3.1 | 1.7 | 0.7 | 0.1 | 0.1 |
| 4500 | 7.1 | 24.7 | 33.8 | 35.7 | 33.1 | 28.7 | 24.9 | 20.1 | 15.1 | 10.1 | 6.1 | 3.1 | 1.7 | 0.7 | 0.1 | 0.1 |
| 4000 | 7.1 | 24.7 | 33.8 | 35.7 | 33.1 | 28.7 | 24.9 | 20.1 | 15.1 | 10.1 | 6.1 | 3.1 | 1.7 | 0.7 | 0.1 | 0.1 |
| 3500 | 7.1 | 24.7 | 33.8 | 35.7 | 33.1 | 28.7 | 24.9 | 20.1 | 15.1 | 10.1 | 6.1 | 3.1 | 1.7 | 0.7 | 0.1 | 0.1 |
| 3000 | 7.1 | 24.7 | 33.8 | 35.7 | 33.1 | 28.7 | 24.9 | 20.1 | 15.1 | 10.1 | 6.1 | 3.1 | 1.7 | 0.7 | 0.1 | 0.1 |
| 2500 | 7.1 | 24.7 | 33.8 | 35.7 | 33.1 | 28.7 | 24.9 | 20.1 | 15.1 | 10.1 | 6.1 | 3.1 | 1.7 | 0.7 | 0.1 | 0.1 |
| 2000 | 7.1 | 24.7 | 33.8 | 35.7 | 33.1 | 28.7 | 24.9 | 20.1 | 15.1 | 10.1 | 6.1 | 3.1 | 1.7 | 0.7 | 0.1 | 0.1 |
| 1800 | 7.1 | 24.7 | 33.8 | 35.7 | 33.1 | 28.7 | 24.9 | 20.1 | 15.1 | 10.1 | 6.1 | 3.1 | 1.7 | 0.7 | 0.1 | 0.1 |
| 1500 | 7.1 | 24.7 | 33.8 | 35.7 | 33.1 | 28.7 | 24.9 | 20.1 | 15.1 | 10.1 | 6.1 | 3.1 | 1.7 | 0.7 | 0.1 | 0.1 |
| 1200 | 7.1 | 24.7 | 33.8 | 35.7 | 33.1 | 28.7 | 24.9 | 20.1 | 15.1 | 10.1 | 6.1 | 3.1 | 1.7 | 0.7 | 0.1 | 0.1 |
| 1000 | 7.1 | 24.7 | 33.8 | 35.7 | 33.1 | 28.7 | 24.9 | 20.1 | 15.1 | 10.1 | 6.1 | 3.1 | 1.7 | 0.7 | 0.1 | 0.1 |
| 900 | 7.1 | 24.7 | 33.8 | 35.7 | 33.1 | 28.7 | 24.9 | 20.1 | 15.1 | 10.1 | 6.1 | 3.1 | 1.7 | 0.7 | 0.1 | 0.1 |
| 800 | 7.1 | 24.7 | 33.8 | 35.7 | 33.1 | 28.7 | 24.9 | 20.1 | 15.1 | 10.1 | 6.1 | 3.1 | 1.7 | 0.7 | 0.1 | 0.1 |
| 700 | 7.1 | 24.7 | 33.8 | 35.7 | 33.1 | 28.7 | 24.9 | 20.1 | 15.1 | 10.1 | 6.1 | 3.1 | 1.7 | 0.7 | 0.1 | 0.1 |
| 600 | 7.1 | 24.7 | 33.8 | 35.7 | 33.1 | 28.7 | 24.9 | 20.1 | 15.1 | 10.1 | 6.1 | 3.1 | 1.7 | 0.7 | 0.1 | 0.1 |
| 500 | 7.1 | 24.7 | 33.8 | 35.7 | 33.1 | 28.7 | 24.9 | 20.1 | 15.1 | 10.1 | 6.1 | 3.1 | 1.7 | 0.7 | 0.1 | 0.1 |
| 400 | 7.1 | 24.7 | 33.8 | 35.7 | 33.1 | 28.7 | 24.9 | 20.1 | 15.1 | 10.1 | 6.1 | 3.1 | 1.7 | 0.7 | 0.1 | 0.1 |
| 300 | 7.1 | 24.7 | 33.8 | 35.7 | 33.1 | 28.7 | 24.9 | 20.1 | 15.1 | 10.1 | 6.1 | 3.1 | 1.7 | 0.7 | 0.1 | 0.1 |
| 200 | 7.1 | 24.7 | 33.8 | 35.7 | 33.1 | 28.7 | 24.9 | 20.1 | 15.1 | 10.1 | 6.1 | 3.1 | 1.7 | 0.7 | 0.1 | 0.1 |
| 100 | 7.1 | 24.7 | 33.8 | 35.7 | 33.1 | 28.7 | 24.9 | 20.1 | 15.1 | 10.1 | 6.1 | 3.1 | 1.7 | 0.7 | 0.1 | 0.1 |
| 0 | 7.1 | 24.7 | 33.8 | 35.7 | 33.1 | 28.7 | 24.9 | 20.1 | 15.1 | 10.1 | 6.1 | 3.1 | 1.7 | 0.7 | 0.1 | 0.1 |

TOTAL NUMBER OF OBSERVATIONS: 572

DATA PROCESSING DIVISION
JULY 1964
AIR FORCE VETERANS

CEILING VERSUS VISIBILITY

STATION NAME
STATION

1-1

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|-------|------|-------|-------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ 5/8 | ≥ ½ | ≥ 3/8 | ≥ 1/4 | ≥ 0 |
| NO CEILING | 59.7 | 51.0 | 52.0 | 52.6 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 |
| ≥ 20000 | 59.6 | 50.2 | 50.4 | 50.4 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 |
| NV 18000 | 59.6 | 50.2 | 50.4 | 50.4 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 |
| 16000 | 59.7 | 50.3 | 50.5 | 50.5 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 |
| NV 14000 | 59.7 | 50.3 | 50.5 | 50.5 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 |
| 12000 | 59.7 | 50.3 | 50.5 | 50.5 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 |
| NV 10000 | 59.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 |
| 9000 | 59.4 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 |
| NV 8000 | 59.1 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 |
| 7000 | 59.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 |
| NV 6000 | 59.7 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 |
| 5000 | 59.7 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 |
| NV 4500 | 59.9 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 |
| 4000 | 59.7 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 |
| NV 3500 | 59.3 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 |
| 3000 | 59.3 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 |
| NV 2500 | 59.1 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 |
| 2000 | 59.1 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 |
| NV 1800 | 59.7 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 |
| 1500 | 59.3 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 |
| NV 1200 | 59.3 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 |
| 1000 | 59.3 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 |
| NV 900 | 59.1 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 |
| 800 | 59.1 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 |
| NV 700 | 59.2 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 |
| 600 | 59.4 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 |
| NV 500 | 59.4 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 |
| 400 | 59.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 |
| NV 300 | 59.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 |
| 200 | 59.9 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 |
| NV 100 | 59.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 |
| 0 | 59.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 |

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ 5/8 | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING ≥ 20000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 18000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 16000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 14000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 12000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 10000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 9000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 8000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 7000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 6000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 5000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 4500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 4000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 3500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 3000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 2500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 2000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 900 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 700 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 600 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 400 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 300 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 100 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS _____

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03933
STATION

FORT HOOD TEXAS/FORT HOOD AAF
STATION NAME

61-70
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (24)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|-------|------|-------|-------|-------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1.0 | ≥0.75 | ≥0.5 | ≥0.25 | ≥0.15 | ≥0.10 | ≥0.05 | ≥0 |
| NO CEILING | 43.5 | 47.2 | 47.6 | 47.7 | 47.8 | 47.8 | 47.9 | 47.9 | 47.9 | 47.9 | 47.9 | 47.9 | 47.9 | 47.9 | 47.9 | 47.9 |
| ≥ 20000 | 50.7 | 55.3 | 55.8 | 56.0 | 56.0 | 56.1 | 56.1 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 |
| ≥ 18000 | 50.7 | 55.3 | 55.8 | 56.0 | 56.1 | 56.1 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 |
| ≥ 16000 | 50.8 | 55.4 | 55.8 | 56.0 | 56.1 | 56.1 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 |
| ≥ 14000 | 50.9 | 55.6 | 56.0 | 56.2 | 56.3 | 56.3 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.5 | 56.5 |
| ≥ 12000 | 52.0 | 56.9 | 57.4 | 57.6 | 57.7 | 57.7 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 |
| ≥ 10000 | 53.8 | 59.1 | 59.6 | 59.8 | 59.9 | 59.9 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.1 |
| ≥ 9000 | 54.4 | 59.8 | 60.3 | 60.5 | 60.6 | 60.6 | 60.7 | 60.7 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 |
| ≥ 8000 | 55.9 | 61.6 | 62.1 | 62.4 | 62.5 | 62.5 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.7 |
| ≥ 7000 | 56.7 | 62.6 | 63.2 | 63.4 | 63.5 | 63.6 | 63.6 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 |
| ≥ 6000 | 57.0 | 63.7 | 64.2 | 64.5 | 64.6 | 64.7 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 |
| ≥ 5000 | 58.6 | 64.9 | 65.5 | 65.8 | 66.0 | 66.0 | 66.1 | 66.1 | 66.1 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 |
| ≥ 4500 | 59.2 | 65.8 | 66.5 | 66.7 | 66.9 | 66.9 | 67.0 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 |
| ≥ 4000 | 60.4 | 67.2 | 67.9 | 68.1 | 68.4 | 68.4 | 68.5 | 68.5 | 68.5 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 |
| ≥ 3500 | 62.2 | 69.4 | 70.1 | 70.5 | 70.6 | 70.7 | 70.8 | 70.8 | 70.8 | 70.8 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 |
| ≥ 3000 | 63.9 | 71.5 | 72.4 | 72.8 | 72.9 | 73.0 | 73.1 | 73.1 | 73.1 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 |
| ≥ 2500 | 66.0 | 74.4 | 75.3 | 75.7 | 75.9 | 75.9 | 76.0 | 76.0 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 |
| ≥ 2000 | 68.9 | 78.5 | 79.5 | 79.9 | 80.1 | 80.1 | 80.2 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.4 |
| ≥ 1800 | 70.3 | 80.2 | 81.3 | 81.7 | 81.9 | 81.9 | 82.0 | 82.1 | 82.1 | 82.1 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 |
| ≥ 1500 | 72.0 | 82.8 | 84.0 | 84.4 | 84.7 | 84.7 | 84.8 | 84.8 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 |
| ≥ 1200 | 74.4 | 86.8 | 88.2 | 88.7 | 89.0 | 89.0 | 89.2 | 89.2 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.4 | 89.4 | 89.4 |
| ≥ 1000 | 75.3 | 88.7 | 90.1 | 90.7 | 91.0 | 91.0 | 91.2 | 91.3 | 91.3 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |
| ≥ 900 | 75.5 | 89.5 | 91.1 | 91.7 | 92.1 | 92.1 | 92.3 | 92.4 | 92.4 | 92.4 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 |
| ≥ 800 | 75.9 | 90.5 | 92.2 | 92.9 | 93.3 | 93.4 | 93.5 | 93.6 | 93.7 | 93.7 | 93.7 | 93.7 | 93.8 | 93.8 | 93.8 | 93.8 |
| ≥ 700 | 76.1 | 91.2 | 93.2 | 94.0 | 94.4 | 94.5 | 94.7 | 94.8 | 94.8 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 95.0 |
| ≥ 600 | 76.4 | 91.9 | 94.1 | 95.0 | 95.7 | 95.8 | 96.1 | 96.1 | 96.2 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.4 |
| ≥ 500 | 76.6 | 92.4 | 94.8 | 95.8 | 96.6 | 96.6 | 97.1 | 97.2 | 97.2 | 97.3 | 97.3 | 97.3 | 97.3 | 97.4 | 97.4 | 97.4 |
| ≥ 400 | 76.6 | 92.6 | 95.2 | 96.5 | 97.3 | 97.6 | 98.0 | 98.1 | 98.2 | 98.3 | 98.3 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 300 | 76.6 | 92.7 | 95.4 | 96.7 | 97.6 | 97.8 | 98.4 | 98.6 | 98.8 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.1 |
| ≥ 200 | 76.6 | 92.8 | 95.5 | 96.8 | 97.7 | 98.0 | 98.6 | 98.9 | 99.0 | 99.2 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.5 |
| ≥ 100 | 76.6 | 92.8 | 95.5 | 96.8 | 97.7 | 98.0 | 98.6 | 98.9 | 99.0 | 99.3 | 99.4 | 99.4 | 99.4 | 99.5 | 99.7 | 99.8 |
| ≥ 0 | 76.6 | 92.8 | 95.5 | 96.8 | 97.7 | 98.0 | 98.6 | 98.9 | 99.0 | 99.3 | 99.4 | 99.4 | 99.4 | 99.5 | 99.7 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 7440

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03933
STATION

FORT HOOD TEXAS/FORT HOOD AAF
STATION NAME

61-70
YEARS

J 14
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1½ | ≥1 | ≥¾ | ≥¾ | ≥½ | ≥½ | ≥0.16 | ≥0 |
| NO CEILING | 56.4 | 60.3 | 60.9 | 61.0 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.2 | 61.2 |
| ≥ 20000 | 64.8 | 69.0 | 69.6 | 69.7 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.9 |
| ≥ 18000 | 64.8 | 69.0 | 69.6 | 69.7 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.9 |
| ≥ 16000 | 64.8 | 69.0 | 69.6 | 69.7 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.9 |
| ≥ 14000 | 65.0 | 69.2 | 69.8 | 70.0 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.2 |
| ≥ 12000 | 66.2 | 70.4 | 71.0 | 71.2 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.4 | 71.4 |
| ≥ 10000 | 68.1 | 72.6 | 73.2 | 73.4 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.6 | 73.6 |
| ≥ 9000 | 68.8 | 73.3 | 74.0 | 74.1 | 74.2 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 |
| ≥ 8000 | 69.8 | 74.6 | 75.2 | 75.4 | 75.5 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 |
| ≥ 7000 | 70.3 | 75.1 | 75.8 | 76.0 | 76.1 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 |
| ≥ 6000 | 70.7 | 75.6 | 76.3 | 76.6 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.8 | 76.8 |
| ≥ 5000 | 71.5 | 76.6 | 77.3 | 77.5 | 77.6 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| ≥ 4500 | 72.3 | 77.4 | 78.1 | 78.4 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.6 | 78.6 |
| ≥ 4000 | 73.8 | 79.2 | 79.9 | 80.2 | 80.3 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 |
| ≥ 3500 | 75.3 | 80.7 | 81.4 | 81.8 | 81.9 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 |
| ≥ 3000 | 77.0 | 82.6 | 83.3 | 83.7 | 83.8 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 84.0 |
| ≥ 2500 | 78.9 | 84.7 | 85.5 | 85.9 | 86.0 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.2 |
| ≥ 2000 | 80.8 | 86.9 | 87.8 | 88.1 | 88.3 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.5 | 88.5 |
| ≥ 1800 | 82.0 | 88.3 | 89.2 | 89.6 | 89.7 | 89.8 | 89.8 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 |
| ≥ 1500 | 84.0 | 90.8 | 91.7 | 92.0 | 92.2 | 92.3 | 92.3 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 |
| ≥ 1200 | 86.0 | 93.3 | 94.3 | 94.7 | 94.9 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.1 | 95.1 |
| ≥ 1000 | 86.6 | 94.1 | 95.0 | 95.5 | 95.6 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 96.0 |
| ≥ 900 | 86.8 | 94.3 | 95.4 | 95.9 | 96.1 | 96.2 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| ≥ 800 | 87.4 | 94.8 | 95.9 | 96.4 | 96.7 | 96.8 | 96.8 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| ≥ 700 | 87.4 | 95.2 | 96.3 | 96.9 | 97.2 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.5 |
| ≥ 600 | 87.6 | 95.6 | 96.7 | 97.3 | 97.6 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.9 |
| ≥ 500 | 87.8 | 96.1 | 97.3 | 98.0 | 98.3 | 98.5 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.8 | 98.8 |
| ≥ 400 | 87.8 | 96.3 | 97.6 | 98.3 | 98.8 | 98.9 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 |
| ≥ 300 | 87.9 | 96.3 | 97.7 | 98.5 | 99.0 | 99.2 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 |
| ≥ 200 | 87.9 | 96.3 | 97.8 | 98.5 | 99.1 | 99.3 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 |
| ≥ 100 | 87.9 | 96.3 | 97.8 | 98.5 | 99.1 | 99.3 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 100.0 |
| ≥ 0 | 87.9 | 96.3 | 97.8 | 98.5 | 99.1 | 99.3 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 7200

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03933
STATION

FORT HOOD TEXAS/FORT HOOD AAF
STATION NAME

61-69
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (EST.)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 75.2 | 76.9 | 77.2 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 |
| ≥ 20000 | 82.2 | 84.0 | 84.3 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 |
| ≥ 18000 | 82.2 | 84.0 | 84.3 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 |
| ≥ 16000 | 82.2 | 84.0 | 84.3 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 |
| ≥ 14000 | 82.6 | 84.4 | 84.8 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 |
| ≥ 12000 | 84.1 | 86.0 | 86.4 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 |
| ≥ 10000 | 86.7 | 88.7 | 89.1 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 |
| ≥ 9000 | 87.6 | 89.6 | 89.9 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 |
| ≥ 8000 | 88.6 | 90.7 | 91.1 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 |
| ≥ 7000 | 89.0 | 91.1 | 91.6 | 91.7 | 91.7 | 91.7 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 |
| ≥ 6000 | 89.1 | 91.3 | 91.8 | 91.9 | 91.9 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 |
| ≥ 5000 | 89.7 | 92.0 | 92.4 | 92.6 | 92.6 | 92.6 | 92.6 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| ≥ 4500 | 90.1 | 92.4 | 92.8 | 93.0 | 93.0 | 93.0 | 93.0 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 |
| ≥ 4000 | 90.9 | 93.3 | 93.8 | 94.0 | 94.0 | 94.0 | 94.0 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |
| ≥ 3500 | 91.5 | 94.0 | 94.4 | 94.6 | 94.6 | 94.6 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| ≥ 3000 | 92.1 | 94.7 | 95.2 | 95.4 | 95.4 | 95.4 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| ≥ 2500 | 92.7 | 95.4 | 95.9 | 96.1 | 96.1 | 96.1 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| ≥ 2000 | 93.2 | 95.9 | 96.5 | 96.6 | 96.7 | 96.7 | 96.7 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 1800 | 93.7 | 96.4 | 97.0 | 97.1 | 97.2 | 97.2 | 97.2 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| ≥ 1500 | 94.1 | 96.8 | 97.4 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| ≥ 1200 | 94.6 | 97.4 | 98.0 | 98.2 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 1000 | 94.8 | 97.8 | 98.4 | 98.6 | 98.8 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 900 | 95.0 | 98.0 | 98.6 | 98.8 | 99.0 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 800 | 95.1 | 98.1 | 98.7 | 98.9 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 700 | 95.2 | 98.2 | 98.9 | 99.1 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 600 | 95.2 | 98.3 | 98.9 | 99.2 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 500 | 95.2 | 98.3 | 99.0 | 99.3 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 400 | 95.3 | 98.3 | 99.1 | 99.4 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 300 | 95.3 | 98.4 | 99.2 | 99.5 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 200 | 95.3 | 98.4 | 99.2 | 99.5 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 100 | 95.3 | 98.4 | 99.2 | 99.5 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 0 | 95.3 | 98.4 | 99.2 | 99.5 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |

TOTAL NUMBER OF OBSERVATIONS 6696

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03933
STATION

FORT HOOD TEXAS/FORT HOOD AAF
STATION NAME

01-69
YEARS

16
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

11
HOURS (EST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5-16 | ≥4 | ≥0 |
| NO CEILING | 71.6 | 73.6 | 73.8 | 74.0 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 |
| ≥ 20000 | 78.6 | 80.9 | 81.2 | 81.4 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 |
| ≥ 18000 | 78.6 | 80.9 | 81.2 | 81.4 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 |
| ≥ 16000 | 78.6 | 80.9 | 81.2 | 81.4 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 |
| ≥ 14000 | 78.9 | 81.2 | 81.6 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 |
| ≥ 12000 | 80.8 | 83.3 | 83.6 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 |
| ≥ 10000 | 83.7 | 86.4 | 86.8 | 87.0 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 |
| ≥ 9000 | 85.1 | 87.0 | 88.2 | 88.4 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 |
| ≥ 8000 | 86.7 | 89.6 | 90.1 | 90.3 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 |
| ≥ 7000 | 87.2 | 90.2 | 90.6 | 90.9 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 |
| ≥ 6000 | 87.5 | 90.5 | 91.0 | 91.3 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |
| ≥ 5000 | 88.5 | 91.6 | 92.1 | 92.4 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 |
| ≥ 4500 | 89.3 | 92.4 | 93.0 | 93.3 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 |
| ≥ 4000 | 90.2 | 93.5 | 94.0 | 94.4 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 |
| ≥ 3500 | 91.0 | 94.3 | 94.9 | 95.2 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| ≥ 3000 | 91.7 | 95.0 | 95.6 | 96.0 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 2500 | 92.2 | 95.6 | 96.2 | 96.5 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| ≥ 2000 | 92.5 | 95.9 | 96.5 | 96.9 | 97.0 | 97.0 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| ≥ 1800 | 92.6 | 96.0 | 96.7 | 97.0 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| ≥ 1500 | 92.9 | 96.4 | 97.0 | 97.4 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| ≥ 1200 | 93.2 | 96.9 | 97.6 | 98.0 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 1000 | 93.5 | 97.3 | 98.0 | 98.4 | 98.6 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 900 | 93.6 | 97.5 | 98.2 | 98.5 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 800 | 93.7 | 97.7 | 98.4 | 98.8 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 700 | 93.8 | 97.9 | 98.6 | 99.1 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 600 | 93.8 | 98.0 | 98.7 | 99.2 | 99.4 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 500 | 93.8 | 98.0 | 98.8 | 99.2 | 99.5 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 400 | 93.8 | 98.1 | 98.8 | 99.3 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 300 | 93.8 | 98.1 | 98.8 | 99.3 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 200 | 93.8 | 98.1 | 98.8 | 99.3 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 100 | 93.8 | 98.1 | 98.8 | 99.3 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 0 | 93.8 | 98.1 | 98.8 | 99.3 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

TOTAL NUMBER OF OBSERVATIONS 6696

DATA PROCESSING DIVISION
USAF ETAC
NWS WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03933
STATION

FORT HOOD TEXAS/FORT HOOD AAF
STATION NAME

61-69
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥1/16 | ≥1/8 | ≥0 |
| NO CEILING | 58.7 | 62.7 | 63.1 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 |
| ≥ 20000 | 65.2 | 69.7 | 70.2 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 |
| ≥ 18000 | 65.2 | 69.7 | 70.2 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 |
| ≥ 16000 | 65.2 | 69.7 | 70.2 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 |
| ≥ 14000 | 65.8 | 70.3 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 |
| ≥ 12000 | 7.4 | 72.1 | 72.6 | 72.6 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 |
| ≥ 10000 | 70.3 | 75.4 | 75.9 | 76.0 | 76.0 | 76.0 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 |
| ≥ 9000 | 71.0 | 76.3 | 76.8 | 76.9 | 76.9 | 76.9 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 |
| ≥ 8000 | 72.6 | 78.3 | 78.8 | 78.9 | 78.9 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.1 | 79.1 |
| ≥ 7000 | 73.3 | 79.1 | 79.7 | 79.9 | 79.9 | 79.9 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| ≥ 6000 | 73.7 | 79.7 | 80.3 | 80.4 | 80.5 | 80.5 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 |
| ≥ 5000 | 74.5 | 80.5 | 81.2 | 81.4 | 81.4 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.6 | 81.6 |
| ≥ 4500 | 75.2 | 81.3 | 82.0 | 82.2 | 82.2 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.4 | 82.4 |
| ≥ 4000 | 76.2 | 82.5 | 83.1 | 83.4 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.6 | 83.6 | 83.6 |
| ≥ 3500 | 77.1 | 83.5 | 84.2 | 84.5 | 84.5 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.7 | 84.7 | 84.7 |
| ≥ 3000 | 78.0 | 84.6 | 85.3 | 85.6 | 85.7 | 85.7 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 |
| ≥ 2500 | 78.9 | 85.6 | 86.4 | 86.6 | 86.7 | 86.8 | 86.8 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 |
| ≥ 2000 | 80.0 | 86.8 | 87.7 | 88.0 | 88.1 | 88.1 | 88.2 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 |
| ≥ 1800 | 80.3 | 87.3 | 88.2 | 88.5 | 88.6 | 88.6 | 88.7 | 88.7 | 88.7 | 88.7 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 |
| ≥ 1500 | 81.4 | 88.5 | 89.5 | 89.8 | 90.0 | 90.0 | 90.1 | 90.1 | 90.1 | 90.1 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 |
| ≥ 1200 | 82.8 | 90.4 | 91.4 | 91.8 | 92.0 | 92.0 | 92.1 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.3 | 92.3 | 92.3 |
| ≥ 1000 | 83.6 | 91.4 | 92.5 | 92.9 | 93.0 | 93.1 | 93.3 | 93.3 | 93.3 | 93.3 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 |
| ≥ 900 | 83.9 | 92.0 | 93.1 | 93.5 | 93.7 | 93.8 | 94.0 | 94.0 | 94.0 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.2 | 94.2 |
| ≥ 800 | 84.4 | 92.8 | 94.0 | 94.5 | 94.7 | 94.8 | 95.0 | 95.0 | 95.0 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.2 | 95.2 |
| ≥ 700 | 84.7 | 93.5 | 94.8 | 95.4 | 95.7 | 95.8 | 96.0 | 96.1 | 96.1 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| ≥ 600 | 84.9 | 93.9 | 95.4 | 96.0 | 96.3 | 96.5 | 96.7 | 96.9 | 96.9 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| ≥ 500 | 85.0 | 94.4 | 96.0 | 96.8 | 97.3 | 97.4 | 97.8 | 97.8 | 97.8 | 98.0 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 400 | 85.1 | 94.7 | 96.5 | 97.4 | 97.9 | 98.1 | 98.5 | 98.7 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 300 | 85.1 | 94.8 | 96.7 | 97.7 | 98.3 | 98.5 | 99.0 | 99.3 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 |
| ≥ 200 | 85.1 | 94.8 | 96.8 | 97.7 | 98.3 | 98.5 | 99.1 | 99.4 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 |
| ≥ 100 | 85.1 | 94.8 | 96.8 | 97.7 | 98.3 | 98.5 | 99.1 | 99.4 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 |
| ≥ 0 | 85.1 | 94.8 | 96.8 | 97.7 | 98.3 | 98.5 | 99.1 | 99.4 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

6479

USAFETAC

FORM
XX 64

0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03933
STATION

FORT HOOD TEXAS/FORT HOOD AAF
STATION NAME

01-64
YEARS

1
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (24)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥0 |
| NO CEILING | 65.4 | 68.1 | 68.5 | 68.6 | 68.6 | 68.6 | 68.7 | 68.7 | 68.7 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 69.0 |
| ≥ 20000 | 69.1 | 72.0 | 72.4 | 72.5 | 72.5 | 72.5 | 72.6 | 72.6 | 72.6 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.8 |
| ≥ 18000 | 69.1 | 72.0 | 72.4 | 72.5 | 72.5 | 72.5 | 72.6 | 72.6 | 72.6 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.8 |
| ≥ 16000 | 69.1 | 72.0 | 72.4 | 72.5 | 72.5 | 72.5 | 72.6 | 72.6 | 72.6 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.8 |
| ≥ 14000 | 69.4 | 72.4 | 72.8 | 72.8 | 72.9 | 72.9 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.2 |
| ≥ 12000 | 70.5 | 73.5 | 73.9 | 74.0 | 74.0 | 74.0 | 74.1 | 74.1 | 74.1 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.4 |
| ≥ 10000 | 72.1 | 75.1 | 75.5 | 75.6 | 75.6 | 75.7 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 76.0 |
| ≥ 9000 | 73.2 | 76.2 | 76.6 | 76.7 | 76.7 | 76.8 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 77.1 |
| ≥ 8000 | 74.4 | 77.6 | 78.0 | 78.1 | 78.1 | 78.1 | 78.2 | 78.2 | 78.2 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.4 |
| ≥ 7000 | 75.1 | 78.3 | 78.7 | 78.8 | 78.8 | 78.9 | 78.9 | 78.9 | 78.9 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.2 |
| ≥ 6000 | 75.4 | 78.6 | 79.0 | 79.1 | 79.2 | 79.2 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.5 |
| ≥ 5000 | 75.5 | 79.1 | 79.5 | 79.7 | 79.7 | 79.7 | 79.8 | 79.8 | 79.8 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 80.0 |
| ≥ 4500 | 76.2 | 79.5 | 79.9 | 80.0 | 80.1 | 80.1 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.4 |
| ≥ 4000 | 77.3 | 80.7 | 81.2 | 81.3 | 81.4 | 81.4 | 81.5 | 81.5 | 81.5 | 81.5 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.8 |
| ≥ 3500 | 78.6 | 82.1 | 82.6 | 82.8 | 82.8 | 82.9 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.2 |
| ≥ 3000 | 79.9 | 83.5 | 84.0 | 84.2 | 84.3 | 84.3 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.5 | 84.5 | 84.6 |
| ≥ 2500 | 81.2 | 84.9 | 85.5 | 85.8 | 85.8 | 85.9 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.2 |
| ≥ 2000 | 82.8 | 86.9 | 87.5 | 87.8 | 87.9 | 88.0 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.3 |
| ≥ 1800 | 83.4 | 87.6 | 88.3 | 88.6 | 88.7 | 88.8 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 89.1 |
| ≥ 1500 | 84.9 | 89.3 | 90.0 | 90.4 | 90.5 | 90.5 | 90.6 | 90.6 | 90.6 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.8 |
| ≥ 1200 | 86.7 | 91.7 | 92.6 | 93.0 | 93.1 | 93.2 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.4 | 93.4 | 93.4 | 93.5 |
| ≥ 1000 | 87.3 | 92.7 | 93.7 | 94.2 | 94.4 | 94.5 | 94.6 | 94.6 | 94.6 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.9 |
| ≥ 900 | 87.7 | 93.5 | 94.5 | 95.0 | 95.2 | 95.3 | 95.4 | 95.4 | 95.4 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.7 |
| ≥ 800 | 88.0 | 94.0 | 95.1 | 95.7 | 95.9 | 96.0 | 96.1 | 96.1 | 96.1 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.4 |
| ≥ 700 | 88.2 | 94.5 | 95.8 | 96.3 | 96.6 | 96.7 | 96.8 | 96.8 | 96.8 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 97.1 |
| ≥ 600 | 88.3 | 94.7 | 96.0 | 96.6 | 96.9 | 97.0 | 97.2 | 97.2 | 97.2 | 97.3 | 97.3 | 97.3 | 97.3 | 97.4 | 97.4 | 97.6 |
| ≥ 500 | 88.3 | 94.9 | 96.4 | 97.2 | 97.6 | 97.7 | 97.9 | 98.0 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.4 |
| ≥ 400 | 88.4 | 95.1 | 96.7 | 97.6 | 98.1 | 98.2 | 98.5 | 98.6 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.9 | 98.9 | 99.1 |
| ≥ 300 | 88.4 | 95.1 | 96.7 | 97.6 | 98.2 | 98.4 | 98.7 | 98.9 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.4 |
| ≥ 200 | 88.4 | 95.1 | 96.7 | 97.6 | 98.2 | 98.4 | 98.7 | 98.9 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 | 99.6 |
| ≥ 100 | 88.4 | 95.1 | 96.8 | 97.7 | 98.2 | 98.4 | 98.7 | 98.9 | 99.1 | 99.2 | 99.3 | 99.3 | 99.4 | 99.4 | 99.5 | 99.8 |
| ≥ 0 | 88.4 | 95.1 | 96.8 | 97.7 | 98.2 | 98.4 | 98.7 | 98.9 | 99.1 | 99.2 | 99.3 | 99.3 | 99.4 | 99.5 | 99.6 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 6696

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03933
STATION

FORT HOOD TEXAS/FORT HOOD AAF
STATION NAME

60-69
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (EST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1 | ≥.5 | ≥.5 | ≥.5 | ≥.5 | ≥.5 | ≥.5 | ≥.5 |
| NO CEILING | 53.7 | 55.6 | 56.0 | 56.1 | 56.2 | 56.3 | 56.4 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.6 | 56.7 |
| ≥ 20000 | 59.3 | 61.4 | 61.6 | 62.0 | 62.1 | 62.1 | 62.3 | 62.3 | 62.4 | 62.4 | 62.4 | 62.4 | 62.5 | 62.5 | 62.5 | 62.7 |
| ≥ 18000 | 59.3 | 61.4 | 61.9 | 62.0 | 62.1 | 62.1 | 62.3 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.5 | 62.5 | 62.6 | 62.8 |
| ≥ 16000 | 59.3 | 61.5 | 61.9 | 62.0 | 62.1 | 62.2 | 62.3 | 62.4 | 62.4 | 62.4 | 62.4 | 62.5 | 62.5 | 62.5 | 62.6 | 62.8 |
| ≥ 14000 | 59.6 | 61.6 | 62.2 | 62.3 | 62.4 | 62.5 | 62.6 | 62.7 | 62.7 | 62.8 | 62.8 | 62.8 | 62.8 | 62.9 | 62.9 | 63.1 |
| ≥ 12000 | 60.5 | 62.8 | 63.2 | 63.4 | 63.5 | 63.5 | 63.7 | 63.7 | 63.8 | 63.8 | 63.8 | 63.8 | 63.9 | 63.9 | 63.9 | 64.1 |
| ≥ 10000 | 62.6 | 65.1 | 65.6 | 65.7 | 65.8 | 65.8 | 66.0 | 66.1 | 66.1 | 66.1 | 66.2 | 66.2 | 66.2 | 66.2 | 66.3 | 66.5 |
| ≥ 9000 | 63.2 | 65.8 | 66.3 | 66.4 | 66.5 | 66.6 | 66.7 | 66.8 | 66.8 | 66.8 | 66.9 | 66.9 | 66.9 | 66.9 | 67.0 | 67.2 |
| ≥ 8000 | 64.1 | 67.3 | 67.5 | 67.6 | 67.7 | 67.8 | 67.9 | 68.0 | 68.0 | 68.0 | 68.1 | 68.1 | 68.1 | 68.1 | 68.2 | 68.4 |
| ≥ 7000 | 65.1 | 68.2 | 68.7 | 68.8 | 68.9 | 69.0 | 69.2 | 69.2 | 69.2 | 69.3 | 69.3 | 69.3 | 69.3 | 69.4 | 69.4 | 69.6 |
| ≥ 6000 | 65.9 | 69.2 | 69.7 | 69.8 | 69.9 | 70.0 | 70.2 | 70.2 | 70.2 | 70.3 | 70.3 | 70.3 | 70.3 | 70.4 | 70.4 | 70.6 |
| ≥ 5000 | 66.9 | 70.6 | 71.2 | 71.3 | 71.5 | 71.6 | 71.8 | 71.8 | 71.8 | 71.9 | 71.9 | 71.9 | 71.9 | 72.0 | 72.0 | 72.2 |
| ≥ 4500 | 67.4 | 71.3 | 71.9 | 72.0 | 72.2 | 72.3 | 72.4 | 72.5 | 72.5 | 72.6 | 72.6 | 72.6 | 72.6 | 72.7 | 72.7 | 72.9 |
| ≥ 4000 | 68.5 | 72.6 | 73.2 | 73.4 | 73.6 | 73.7 | 73.9 | 73.9 | 73.9 | 74.0 | 74.0 | 74.0 | 74.0 | 74.1 | 74.1 | 74.3 |
| ≥ 3500 | 69.8 | 74.2 | 74.8 | 75.0 | 75.2 | 75.3 | 75.5 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.7 | 75.7 | 75.8 | 76.0 |
| ≥ 3000 | 71.3 | 76.0 | 76.7 | 76.9 | 77.2 | 77.3 | 77.5 | 77.5 | 77.5 | 77.6 | 77.6 | 77.6 | 77.6 | 77.7 | 77.7 | 77.9 |
| ≥ 2500 | 73.0 | 78.0 | 78.7 | 79.0 | 79.2 | 79.3 | 79.5 | 79.6 | 79.6 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.8 | 80.0 |
| ≥ 2000 | 75.1 | 80.5 | 81.3 | 81.6 | 81.9 | 82.0 | 82.2 | 82.2 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.4 | 82.4 | 82.6 |
| ≥ 1800 | 76.1 | 81.8 | 82.6 | 82.9 | 83.2 | 83.2 | 83.5 | 83.5 | 83.5 | 83.6 | 83.6 | 83.6 | 83.6 | 83.7 | 83.7 | 83.9 |
| ≥ 1500 | 77.0 | 83.4 | 84.3 | 84.6 | 84.9 | 85.0 | 85.2 | 85.3 | 85.3 | 85.4 | 85.4 | 85.4 | 85.4 | 85.5 | 85.5 | 85.7 |
| ≥ 1200 | 78.9 | 86.1 | 87.1 | 87.5 | 87.9 | 88.0 | 88.2 | 88.3 | 88.3 | 88.4 | 88.4 | 88.4 | 88.5 | 88.5 | 88.5 | 88.7 |
| ≥ 1000 | 79.7 | 87.6 | 88.8 | 89.3 | 89.7 | 89.8 | 90.0 | 90.1 | 90.2 | 90.2 | 90.2 | 90.2 | 90.3 | 90.3 | 90.4 | 90.5 |
| ≥ 900 | 80.2 | 88.4 | 89.7 | 90.2 | 90.6 | 90.6 | 91.0 | 91.1 | 91.1 | 91.2 | 91.2 | 91.2 | 91.3 | 91.3 | 91.4 | 91.6 |
| ≥ 800 | 80.3 | 88.8 | 90.3 | 90.9 | 91.4 | 91.6 | 91.9 | 92.0 | 92.0 | 92.1 | 92.1 | 92.1 | 92.2 | 92.2 | 92.2 | 92.4 |
| ≥ 700 | 80.6 | 89.6 | 91.3 | 92.0 | 92.6 | 92.7 | 93.1 | 93.2 | 93.2 | 93.3 | 93.3 | 93.3 | 93.4 | 93.4 | 93.5 | 93.7 |
| ≥ 600 | 80.7 | 90.0 | 91.9 | 92.7 | 93.3 | 93.3 | 93.9 | 94.1 | 94.1 | 94.2 | 94.2 | 94.2 | 94.3 | 94.3 | 94.3 | 94.6 |
| ≥ 500 | 80.7 | 90.3 | 92.5 | 93.3 | 94.4 | 94.6 | 95.2 | 95.4 | 95.4 | 95.5 | 95.5 | 95.5 | 95.6 | 95.6 | 95.7 | 95.9 |
| ≥ 400 | 80.8 | 90.6 | 92.9 | 94.1 | 95.0 | 95.4 | 96.2 | 96.4 | 96.6 | 96.7 | 96.7 | 96.7 | 96.8 | 96.9 | 96.9 | 97.1 |
| ≥ 300 | 80.8 | 90.7 | 93.2 | 94.5 | 95.6 | 96.0 | 97.0 | 97.3 | 97.6 | 97.8 | 98.0 | 98.0 | 98.1 | 98.2 | 98.2 | 98.4 |
| ≥ 200 | 80.8 | 90.7 | 93.2 | 94.6 | 95.7 | 96.1 | 97.1 | 97.6 | 97.9 | 98.2 | 98.4 | 98.4 | 98.6 | 98.7 | 98.8 | 99.0 |
| ≥ 100 | 80.8 | 90.7 | 93.2 | 94.6 | 95.7 | 96.1 | 97.2 | 97.6 | 98.0 | 98.3 | 98.6 | 98.6 | 98.9 | 99.0 | 99.1 | 99.6 |
| ≥ 0 | 80.8 | 90.7 | 93.2 | 94.6 | 95.7 | 96.1 | 97.2 | 97.6 | 98.0 | 98.4 | 98.6 | 98.7 | 98.9 | 99.0 | 99.1 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 6937

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03933
STATION

FORT HOOD TEXAS/FORT HOOD AAF
STATION NAME

60-67
YEARS

11 C
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

11 L
HOURS LST

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|-------|------|-------|--------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1 | ≥0.5 | ≥0.25 | ≥0.1 | ≥0.05 | ≥0.025 | ≥0.01 | ≥0 |
| NO CEILING | 50.5 | 52.4 | 52.8 | 52.9 | 52.9 | 53.0 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.2 | 53.2 | 53.3 |
| ≥ 20000 | 55.4 | 57.9 | 58.3 | 58.4 | 58.5 | 58.6 | 58.6 | 58.6 | 58.6 | 58.7 | 58.7 | 58.7 | 58.7 | 58.8 | 58.8 | 58.8 |
| ≥ 18000 | 55.4 | 57.9 | 58.3 | 58.4 | 58.5 | 58.6 | 58.6 | 58.6 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.8 | 58.8 | 58.8 |
| ≥ 16000 | 55.4 | 57.9 | 58.3 | 58.4 | 58.5 | 58.6 | 58.6 | 58.6 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.8 | 58.8 | 58.8 |
| ≥ 14000 | 55.5 | 57.9 | 58.4 | 58.5 | 58.5 | 58.6 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.8 | 58.8 | 58.8 |
| ≥ 12000 | 55.9 | 58.4 | 58.8 | 58.9 | 59.0 | 59.1 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.3 | 59.3 | 59.3 |
| ≥ 10000 | 57.0 | 59.6 | 60.0 | 60.2 | 60.2 | 60.3 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.5 | 60.5 | 60.5 |
| ≥ 9000 | 57.8 | 60.3 | 60.8 | 60.9 | 61.0 | 61.0 | 61.1 | 61.1 | 61.1 | 61.1 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.3 |
| ≥ 8000 | 59.0 | 61.7 | 62.2 | 62.3 | 62.4 | 62.5 | 62.5 | 62.5 | 62.5 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.7 | 62.7 |
| ≥ 7000 | 59.8 | 62.5 | 63.0 | 63.1 | 63.2 | 63.3 | 63.3 | 63.3 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.5 | 63.5 | 63.5 |
| ≥ 6000 | 60.7 | 63.6 | 64.1 | 64.2 | 64.3 | 64.4 | 64.4 | 64.4 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.6 | 64.6 | 64.6 |
| ≥ 5000 | 61.7 | 64.8 | 65.4 | 65.5 | 65.6 | 65.7 | 65.7 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.9 | 65.9 | 65.9 |
| ≥ 4500 | 62.2 | 65.4 | 66.0 | 66.1 | 66.2 | 66.3 | 66.4 | 66.4 | 66.4 | 66.5 | 66.5 | 66.5 | 66.5 | 66.6 | 66.6 | 66.6 |
| ≥ 4000 | 63.4 | 66.6 | 67.2 | 67.4 | 67.4 | 67.5 | 67.6 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.8 | 67.8 | 67.8 |
| ≥ 3500 | 64.7 | 68.2 | 68.8 | 68.9 | 69.0 | 69.1 | 69.2 | 69.2 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.4 | 69.4 | 69.4 |
| ≥ 3000 | 66.3 | 70.1 | 70.7 | 70.9 | 71.0 | 71.1 | 71.2 | 71.2 | 71.2 | 71.2 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.4 |
| ≥ 2500 | 68.2 | 72.4 | 73.0 | 73.2 | 73.3 | 73.4 | 73.5 | 73.5 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.7 | 73.7 | 73.8 |
| ≥ 2000 | 70.3 | 75.0 | 75.7 | 75.9 | 76.0 | 76.1 | 76.2 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.4 | 76.4 | 76.5 |
| ≥ 1800 | 71.3 | 76.3 | 77.0 | 77.2 | 77.4 | 77.5 | 77.6 | 77.6 | 77.6 | 77.6 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.8 |
| ≥ 1500 | 72.7 | 78.1 | 78.9 | 79.2 | 79.4 | 79.5 | 79.6 | 79.6 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.8 | 79.8 | 79.9 |
| ≥ 1200 | 74.1 | 80.6 | 81.6 | 82.0 | 82.2 | 82.3 | 82.5 | 82.5 | 82.5 | 82.6 | 82.6 | 82.6 | 82.6 | 82.7 | 82.7 | 82.7 |
| ≥ 1000 | 74.7 | 81.8 | 82.9 | 83.3 | 83.6 | 83.8 | 83.9 | 84.0 | 84.0 | 84.0 | 84.1 | 84.1 | 84.1 | 84.2 | 84.2 | 84.2 |
| ≥ 900 | 75.1 | 82.5 | 83.8 | 84.3 | 84.6 | 84.8 | 85.0 | 85.0 | 85.0 | 85.1 | 85.1 | 85.1 | 85.1 | 85.2 | 85.2 | 85.3 |
| ≥ 800 | 75.3 | 83.2 | 84.6 | 85.2 | 85.6 | 85.7 | 86.0 | 86.1 | 86.1 | 86.2 | 86.2 | 86.2 | 86.3 | 86.3 | 86.3 | 86.4 |
| ≥ 700 | 75.6 | 84.1 | 85.7 | 86.4 | 86.9 | 87.1 | 87.5 | 87.6 | 87.6 | 87.6 | 87.7 | 87.7 | 87.8 | 87.8 | 87.8 | 87.9 |
| ≥ 600 | 75.6 | 84.6 | 86.7 | 87.5 | 88.1 | 88.4 | 88.9 | 89.1 | 89.2 | 89.2 | 89.3 | 89.3 | 89.4 | 89.4 | 89.4 | 89.5 |
| ≥ 500 | 75.7 | 85.0 | 87.4 | 88.5 | 89.4 | 89.9 | 90.7 | 91.0 | 91.1 | 91.2 | 91.2 | 91.3 | 91.3 | 91.3 | 91.3 | 91.4 |
| ≥ 400 | 75.7 | 85.3 | 88.0 | 89.2 | 90.5 | 91.3 | 92.7 | 93.1 | 93.4 | 93.6 | 93.7 | 93.7 | 93.8 | 93.8 | 93.8 | 93.9 |
| ≥ 300 | 75.7 | 85.5 | 88.3 | 89.8 | 91.3 | 92.2 | 94.0 | 94.8 | 95.2 | 95.5 | 95.8 | 95.8 | 95.9 | 95.9 | 96.0 | 96.1 |
| ≥ 200 | 75.7 | 85.5 | 88.3 | 89.9 | 91.4 | 92.4 | 94.3 | 95.3 | 95.8 | 96.4 | 96.8 | 96.8 | 97.2 | 97.4 | 97.5 | 97.7 |
| ≥ 100 | 75.8 | 85.5 | 88.4 | 89.9 | 91.5 | 92.5 | 94.4 | 95.4 | 96.0 | 96.8 | 97.2 | 97.2 | 97.8 | 98.2 | 98.5 | 99.1 |
| ≥ 0 | 75.8 | 85.5 | 88.4 | 89.9 | 91.5 | 92.5 | 94.4 | 95.4 | 96.0 | 96.8 | 97.2 | 97.3 | 97.8 | 98.4 | 98.7 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 7219

DATA OF CONSIDERED PERIOD
 USAF ETAC
 AIR WEATHER SERVICE

CEILING VERSUS VISIBILITY

STATION NAME
 STATION

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------------|----------------------------|-----|-----|-----|-----|------|-----|------|------|-----|-----|-----|-----|--------|-------|-----|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 0.25 | ≥ 0.1 | ≥ 0 |
| NO CEILING ≥ 20000 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| N 18000 N 16000 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| N 14000 N 12000 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| N 10000 N 9000 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| N 8000 N 7000 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| N 6000 N 5000 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| N 4500 N 4000 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| N 3500 N 3000 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| N 2500 N 2000 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| N 1800 N 1500 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| N 1200 N 1000 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| N 900 N 800 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| N 700 N 600 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| N 500 N 400 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| N 300 N 200 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| N 100 N 0 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE

CEILING VERSUS VISIBILITY

1933

1 TEXAS (FORT WORTH AIR)

27

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS U.S.

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|-------|------|-------|------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ 5/8 | ≥ ½ | ≥ 3/8 | ≥ ¼ | ≥ 0 |
| NO CEILING | 5.6 | 47.1 | 47.7 | 48.1 | 48.4 | 48.6 | 48.8 | 49.0 | 49.2 | 49.3 | 49.4 | 49.5 | 49.6 | 49.7 | 49.8 | 49.9 |
| ≥ 20000 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 18000 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 16000 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 14000 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 12000 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 10000 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 9000 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 8000 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 7000 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 6000 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 5000 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 4500 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 4000 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 3500 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 3000 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 2500 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 2000 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 1800 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 1500 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 1200 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 1000 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 900 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 800 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 700 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 600 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 500 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 400 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 300 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 200 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 100 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

TOTAL NUMBER OF OBSERVATIONS

7

DATA FROM 0510 0510 0510
USAF ETAC
AIR WEAT SERVICE/PAU

CEILING VERSUS VISIBILITY

03533
STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|-----|------|------|------|------|------|------|------|------|------|-------|------|--------|------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ 5/8 | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 1.0 | 4.5 | 44.0 | 44.0 | 44.0 | 44.7 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 |
| ≥ 20000 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 18000 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 16000 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 14000 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 12000 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 10000 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 9000 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 8000 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 7000 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 6000 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 5000 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 4500 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 4000 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 3500 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 3000 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 2500 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 2000 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 1800 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 1500 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 1200 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 1000 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 900 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 800 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 700 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 600 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 500 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 400 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 300 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 200 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 100 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING DIVISION
USAF ETAC
NO. 14-5 (OL 1)

CEILING VERSUS VISIBILITY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|-------|------|-------|-------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ 5/8 | ≥ ½ | ≥ 3/8 | ≥ 1/4 | ≥ 0 |
| NO CEILING | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 |
| ≥ 20000 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 |
| ≥ 18000 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 |
| ≥ 16000 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 |
| ≥ 14000 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 |
| ≥ 12000 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 |
| ≥ 10000 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 |
| ≥ 9000 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 |
| ≥ 8000 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 |
| ≥ 7000 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 |
| ≥ 6000 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 |
| ≥ 5000 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 |
| ≥ 4500 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 |
| ≥ 4000 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 |
| ≥ 3500 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 |
| ≥ 3000 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 |
| ≥ 2500 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 |
| ≥ 2000 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 |
| ≥ 1800 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 |
| ≥ 1500 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 |
| ≥ 1200 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 |
| ≥ 1000 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 |
| ≥ 900 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 |
| ≥ 800 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 |
| ≥ 700 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 |
| ≥ 600 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 |
| ≥ 500 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 |
| ≥ 400 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 |
| ≥ 300 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 |
| ≥ 200 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 |
| ≥ 100 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 |
| ≥ 0 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 |

TOTAL NUMBER OF OBSERVATIONS

DATA FOR BASIC DIVISION
JUL 64
WFO WEATHER STATION

CEILING VERSUS VISIBILITY

STATION NAME
WFO WEATHER STATION

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------------|----------------------------|-----|-----|-----|-----|------|-----|------|------|-----|-----|-------|-----|--------|-----|-----|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ 5/8 | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING ≥ 20000 | 7.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 18000 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 16000 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 14000 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 12000 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 10000 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 9000 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 8000 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 7000 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 6000 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 5000 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 4500 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 4000 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 3500 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 3000 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 2500 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 2000 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 1800 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 1500 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 1200 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 1000 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 900 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 800 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 700 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 600 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 500 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 400 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 300 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 200 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 100 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |

TOTAL NUMBER OF OBSERVATIONS

5

DATA BY: SSN: 121518
 NAME: ETAC
 AIRPORT: A. MICHAEL

CEILING VERSUS VISIBILITY

STATION
 32

STATION NAME
 1-7

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|-----|-----|-----|-----|------|-----|------|------|-----|-----|-------|-----|--------|-----|-----|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ 5/8 | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| ≥ 20000 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| NV 18000 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| NV 16000 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| NV 14000 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| NV 12000 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| NV 10000 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| NV 9000 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| NV 8000 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| NV 7000 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| NV 6000 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| NV 5000 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| NV 4500 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| NV 4000 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| NV 3500 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| NV 3000 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| NV 2500 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| NV 2000 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| NV 1800 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| NV 1500 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| NV 1200 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| NV 1000 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| NV 900 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| NV 800 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| NV 700 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| NV 600 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| NV 500 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| NV 400 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| NV 300 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| NV 200 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| NV 100 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| NV 0 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

TOTAL NUMBER OF OBSERVATIONS

5

DATA PROCESSING DIVISION
USAF ETAC
415 PENTAGON DRIVE

CEILING VERSUS VISIBILITY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|-------|------|--------|------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ 5/8 | ≥ ½ | ≥ 3/16 | ≥ ¼ | ≥ 0 |
| NO CEILING ≥ 20000 | 57.2 | 57.4 | 57.4 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 |
| 18000 | 57.4 | 57.4 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 |
| 16000 | 57.4 | 57.4 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 |
| 14000 | 57.4 | 57.4 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 |
| 12000 | 57.4 | 57.4 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 |
| 10000 | 57.4 | 57.4 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 |
| 9000 | 57.4 | 57.4 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 |
| 8000 | 57.4 | 57.4 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 |
| 7000 | 57.4 | 57.4 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 |
| 5000 | 57.4 | 57.4 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 |
| 4500 | 57.4 | 57.4 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 |
| 4000 | 57.4 | 57.4 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 |
| 3500 | 57.4 | 57.4 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 |
| 3000 | 57.4 | 57.4 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 |
| 2500 | 57.4 | 57.4 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 |
| 2000 | 57.4 | 57.4 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 |
| 1800 | 57.4 | 57.4 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 |
| 1500 | 57.4 | 57.4 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 |
| 1200 | 57.4 | 57.4 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 |
| 1000 | 57.4 | 57.4 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 |
| 900 | 57.4 | 57.4 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 |
| 800 | 57.4 | 57.4 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 |
| 700 | 57.4 | 57.4 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 |
| 600 | 57.4 | 57.4 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 |
| 500 | 57.4 | 57.4 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 |
| 400 | 57.4 | 57.4 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 |
| 300 | 57.4 | 57.4 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 |
| 200 | 57.4 | 57.4 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 |
| 100 | 57.4 | 57.4 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 |
| 0 | 57.4 | 57.4 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 |

TOTAL NUMBER OF OBSERVATIONS

5

DATA PROCESSING DIVISION
JSAF FIA
AIR CENTER OF VICT/AC

CEILING VERSUS VISIBILITY

STATION

STATION NAME

YEARS

MONTH

HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|-------|------|--------|------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ 5/8 | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING ≥ 20000 | 7.6 | 54.6 | 54.0 | 54.6 | 57.7 | 57.7 | 59.0 | 59.0 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 |
| IV 18000 | 7.6 | 54.6 | 54.0 | 54.6 | 57.7 | 57.7 | 59.0 | 59.0 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 |
| IV 16000 | 7.6 | 54.6 | 54.0 | 54.6 | 57.7 | 57.7 | 59.0 | 59.0 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 |
| IV 14000 | 7.6 | 54.6 | 54.0 | 54.6 | 57.7 | 57.7 | 59.0 | 59.0 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 |
| IV 12000 | 7.6 | 54.6 | 54.0 | 54.6 | 57.7 | 57.7 | 59.0 | 59.0 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 |
| IV 10000 | 7.6 | 54.6 | 54.0 | 54.6 | 57.7 | 57.7 | 59.0 | 59.0 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 |
| IV 9000 | 7.6 | 54.6 | 54.0 | 54.6 | 57.7 | 57.7 | 59.0 | 59.0 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 |
| IV 8000 | 7.6 | 54.6 | 54.0 | 54.6 | 57.7 | 57.7 | 59.0 | 59.0 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 |
| IV 7000 | 7.6 | 54.6 | 54.0 | 54.6 | 57.7 | 57.7 | 59.0 | 59.0 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 |
| IV 6000 | 7.6 | 54.6 | 54.0 | 54.6 | 57.7 | 57.7 | 59.0 | 59.0 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 |
| IV 5000 | 7.6 | 54.6 | 54.0 | 54.6 | 57.7 | 57.7 | 59.0 | 59.0 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 |
| IV 4500 | 7.6 | 54.6 | 54.0 | 54.6 | 57.7 | 57.7 | 59.0 | 59.0 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 |
| IV 4000 | 7.6 | 54.6 | 54.0 | 54.6 | 57.7 | 57.7 | 59.0 | 59.0 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 |
| IV 3500 | 7.6 | 54.6 | 54.0 | 54.6 | 57.7 | 57.7 | 59.0 | 59.0 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 |
| IV 3000 | 7.6 | 54.6 | 54.0 | 54.6 | 57.7 | 57.7 | 59.0 | 59.0 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 |
| IV 2500 | 7.6 | 54.6 | 54.0 | 54.6 | 57.7 | 57.7 | 59.0 | 59.0 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 |
| IV 2000 | 7.6 | 54.6 | 54.0 | 54.6 | 57.7 | 57.7 | 59.0 | 59.0 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 |
| IV 1800 | 7.6 | 54.6 | 54.0 | 54.6 | 57.7 | 57.7 | 59.0 | 59.0 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 |
| IV 1500 | 7.6 | 54.6 | 54.0 | 54.6 | 57.7 | 57.7 | 59.0 | 59.0 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 |
| IV 1200 | 7.6 | 54.6 | 54.0 | 54.6 | 57.7 | 57.7 | 59.0 | 59.0 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 |
| IV 1000 | 7.6 | 54.6 | 54.0 | 54.6 | 57.7 | 57.7 | 59.0 | 59.0 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 |
| IV 900 | 7.6 | 54.6 | 54.0 | 54.6 | 57.7 | 57.7 | 59.0 | 59.0 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 |
| IV 800 | 7.6 | 54.6 | 54.0 | 54.6 | 57.7 | 57.7 | 59.0 | 59.0 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 |
| IV 700 | 7.6 | 54.6 | 54.0 | 54.6 | 57.7 | 57.7 | 59.0 | 59.0 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 |
| IV 600 | 7.6 | 54.6 | 54.0 | 54.6 | 57.7 | 57.7 | 59.0 | 59.0 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 |
| IV 500 | 7.6 | 54.6 | 54.0 | 54.6 | 57.7 | 57.7 | 59.0 | 59.0 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 |
| IV 400 | 7.6 | 54.6 | 54.0 | 54.6 | 57.7 | 57.7 | 59.0 | 59.0 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 |
| IV 300 | 7.6 | 54.6 | 54.0 | 54.6 | 57.7 | 57.7 | 59.0 | 59.0 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 |
| IV 200 | 7.6 | 54.6 | 54.0 | 54.6 | 57.7 | 57.7 | 59.0 | 59.0 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 |
| IV 100 | 7.6 | 54.6 | 54.0 | 54.6 | 57.7 | 57.7 | 59.0 | 59.0 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 |
| IV 0 | 7.6 | 54.6 | 54.0 | 54.6 | 57.7 | 57.7 | 59.0 | 59.0 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 |

TOTAL NUMBER OF OBSERVATIONS

DATA FROM CEILING VISIBILITY
USAF ETAC
AIR WEATHER & VICE/MAC

CEILING VERSUS VISIBILITY

03335
STATION

STATION NAME

YEARS

MONTH

HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|-------|------|-------|-------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ 5/8 | ≥ ½ | ≥ 3/8 | ≥ 1/4 | ≥ 0 |
| NO CEILING | 56.1 | 55.5 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 |
| ≥ 20000 | 56.1 | 55.5 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 |
| IV 18000 | 56.1 | 55.5 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 |
| IV 16000 | 56.1 | 55.5 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 |
| IV 14000 | 56.1 | 55.5 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 |
| IV 12000 | 56.1 | 55.5 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 |
| IV 10000 | 56.1 | 55.5 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 |
| IV 9000 | 56.1 | 55.5 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 |
| IV 8000 | 56.1 | 55.5 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 |
| IV 7000 | 56.1 | 55.5 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 |
| IV 6000 | 56.1 | 55.5 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 |
| IV 5000 | 56.1 | 55.5 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 |
| IV 4500 | 56.1 | 55.5 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 |
| IV 4000 | 56.1 | 55.5 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 |
| IV 3500 | 56.1 | 55.5 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 |
| IV 3000 | 56.1 | 55.5 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 |
| IV 2500 | 56.1 | 55.5 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 |
| IV 2000 | 56.1 | 55.5 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 |
| IV 1800 | 56.1 | 55.5 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 |
| IV 1500 | 56.1 | 55.5 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 |
| IV 1200 | 56.1 | 55.5 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 |
| IV 1000 | 56.1 | 55.5 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 |
| IV 900 | 56.1 | 55.5 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 |
| IV 800 | 56.1 | 55.5 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 |
| IV 700 | 56.1 | 55.5 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 |
| IV 600 | 56.1 | 55.5 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 |
| IV 500 | 56.1 | 55.5 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 |
| IV 400 | 56.1 | 55.5 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 |
| IV 300 | 56.1 | 55.5 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 |
| IV 200 | 56.1 | 55.5 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 |
| IV 100 | 56.1 | 55.5 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 |
| IV 0 | 56.1 | 55.5 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 |

TOTAL NUMBER OF OBSERVATIONS

DATA FROM 1951 TO 1954
 USAF ETAC
 AIR FORCE

CEILING VERSUS VISIBILITY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------------|----------------------------|------|------|------|------|------|-----|------|------|-----|-----|-------|-----|--------|-----|-----|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ 5/8 | ≥ ½ | ≥ 5-16 | ≥ ¼ | ≥ 0 |
| NO CEILING ≥ 20000 | 5.2 | 15.2 | 10.1 | 4.5 | 47.0 | 47.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 |
| IV 18000 | 5.2 | 22.2 | 31.1 | 31.7 | 52.0 | 52.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 |
| IV 16000 | 5.2 | 22.2 | 31.1 | 31.7 | 52.0 | 52.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 |
| IV 14000 | 5.2 | 22.2 | 31.1 | 31.7 | 52.0 | 52.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 |
| IV 12000 | 5.2 | 21.3 | 32.0 | 32.0 | 53.0 | 53.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 |
| IV 10000 | 5.7 | 23.6 | 34.4 | 34.4 | 55.0 | 55.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 |
| IV 9000 | 5.8 | 24.1 | 34.1 | 34.7 | 55.0 | 55.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 |
| IV 8000 | 5.8 | 24.1 | 34.1 | 34.7 | 55.0 | 55.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 |
| IV 7000 | 1.7 | 26.0 | 37.1 | 37.1 | 54.0 | 54.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 |
| IV 6000 | 2.5 | 27.1 | 37.2 | 37.2 | 59.0 | 59.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 |
| IV 5000 | 2.5 | 27.1 | 37.2 | 37.2 | 60.0 | 60.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 |
| IV 4500 | 2.5 | 27.1 | 37.2 | 37.2 | 60.0 | 60.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 |
| IV 4000 | 2.5 | 27.1 | 37.2 | 37.2 | 60.0 | 60.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 |
| IV 3500 | 2.5 | 27.1 | 37.2 | 37.2 | 60.0 | 60.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 |
| IV 3000 | 2.5 | 27.1 | 37.2 | 37.2 | 60.0 | 60.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 |
| IV 2500 | 2.5 | 27.1 | 37.2 | 37.2 | 60.0 | 60.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 |
| IV 2000 | 2.5 | 27.1 | 37.2 | 37.2 | 60.0 | 60.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 |
| IV 1800 | 2.5 | 27.1 | 37.2 | 37.2 | 60.0 | 60.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 |
| IV 1500 | 2.5 | 27.1 | 37.2 | 37.2 | 60.0 | 60.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 |
| IV 1200 | 2.5 | 27.1 | 37.2 | 37.2 | 60.0 | 60.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 |
| IV 1000 | 2.5 | 27.1 | 37.2 | 37.2 | 60.0 | 60.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 |
| IV 800 | 2.5 | 27.1 | 37.2 | 37.2 | 60.0 | 60.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 |
| IV 700 | 2.5 | 27.1 | 37.2 | 37.2 | 60.0 | 60.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 |
| IV 600 | 2.5 | 27.1 | 37.2 | 37.2 | 60.0 | 60.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 |
| IV 500 | 2.5 | 27.1 | 37.2 | 37.2 | 60.0 | 60.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 |
| IV 400 | 2.5 | 27.1 | 37.2 | 37.2 | 60.0 | 60.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 |
| IV 300 | 2.5 | 27.1 | 37.2 | 37.2 | 60.0 | 60.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 |
| IV 200 | 2.5 | 27.1 | 37.2 | 37.2 | 60.0 | 60.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 |
| IV 100 | 2.5 | 27.1 | 37.2 | 37.2 | 60.0 | 60.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 |
| IV 0 | 2.5 | 27.1 | 37.2 | 37.2 | 60.0 | 60.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 |

TOTAL NUMBER OF OBSERVATIONS

5

UNITED STATES AIR FORCE
 DATA FILE
 AIR STATION - FORT WORTH

CEILING VERSUS VISIBILITY

STATION: FORT WORTH, TEXAS/1951-1952 YEARS: 1951 MONTH: 1952

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|-----|-----|-----|-----|------|-----|------|------|-----|-----|-------|-----|--------|-----|-----|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ 5/8 | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 |
| ≥ 20000 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 |
| 18000 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 |
| 16000 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 |
| 14000 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 |
| 12000 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 |
| 10000 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 |
| 9000 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 |
| 8000 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 |
| 7000 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 |
| 6000 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 |
| 5000 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 |
| 4500 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 |
| 4000 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 |
| 3500 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 |
| 3000 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 |
| 2500 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 |
| 2000 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 |
| 1800 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 |
| 1500 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 |
| 1200 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 |
| 1000 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 |
| 900 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 |
| 800 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 |
| 700 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 |
| 600 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 |
| 500 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 |
| 400 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 |
| 300 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 |
| 200 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 |
| 100 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 |
| 0 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 |

TOTAL NUMBER OF OBSERVATIONS

5

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER DIVISION

CEILING VERSUS VISIBILITY

STATION
12333

STATION NAME
12333

YEARS
1-7

MONTH
1-12

HOURLY
1-24

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|-------|------|-------|-------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ 5/8 | ≥ ½ | ≥ 3/8 | ≥ 1/4 | ≥ 0 |
| NO CEILING | 57.4 | 57.5 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 |
| ≥ 20000 | 6.1 | 57.5 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 |
| NV 18000 | 6.1 | 57.5 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 |
| NV 16000 | 6.1 | 57.5 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 |
| NV 14000 | 6.1 | 57.5 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 |
| NV 12000 | 7.1 | 57.2 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 |
| NV 10000 | 9.7 | 51.9 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 |
| NV 9000 | 11.0 | 53.2 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 |
| NV 8000 | 12.6 | 54.7 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 |
| NV 7000 | 14.1 | 56.7 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 |
| NV 6000 | 15.8 | 57.5 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 |
| NV 5000 | 17.5 | 57.5 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 |
| NV 4500 | 18.7 | 57.5 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 |
| NV 4000 | 19.5 | 57.5 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 |
| NV 3500 | 20.9 | 57.5 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 |
| NV 3000 | 21.6 | 57.5 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 |
| NV 2500 | 22.6 | 57.5 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 |
| NV 2000 | 23.4 | 57.5 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 |
| NV 1800 | 24.9 | 57.5 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 |
| NV 1500 | 26.1 | 57.5 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 |
| NV 1200 | 27.5 | 57.5 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 |
| NV 1000 | 28.4 | 57.5 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 |
| NV 900 | 29.5 | 57.5 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 |
| NV 800 | 30.7 | 57.5 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 |
| NV 700 | 31.8 | 57.5 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 |
| NV 600 | 32.9 | 57.5 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 |
| NV 500 | 34.1 | 57.5 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 |
| NV 400 | 35.1 | 57.5 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 |
| NV 300 | 36.2 | 57.5 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 |
| NV 200 | 37.2 | 57.5 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 |
| NV 100 | 38.3 | 57.5 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 |
| NV 0 | 39.5 | 57.5 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 |

TOTAL NUMBER OF OBSERVATIONS

DATE PREPARED: 10/1/64
 USAF ETAC
 AIR WEATHER SERVICE

CEILING VERSUS VISIBILITY

STATION
 03213

STATION NAME
 101 T HUR TEXAS/1 PT HURD AFB

YEARS
 1-7

MONTH

HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|-------|------|--------|------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ 5/8 | ≥ ½ | ≥ 3/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 1.9 | 21.5 | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 |
| ≥ 20000 | 4.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 |
| ≥ 18000 | 7.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 |
| ≥ 16000 | 7.7 | 61.3 | 61.6 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 |
| ≥ 14000 | 7.3 | 61.7 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 |
| ≥ 12000 | 1.3 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 |
| ≥ 10000 | 1.3 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 |
| ≥ 9000 | 1.3 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 |
| ≥ 8000 | 7.1 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 |
| ≥ 7000 | 7.3 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 |
| ≥ 6000 | 7.1 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 |
| ≥ 5000 | 7.1 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 |
| ≥ 4500 | 7.1 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 |
| ≥ 4000 | 7.1 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 |
| ≥ 3500 | 7.1 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 |
| ≥ 3000 | 75.1 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 |
| ≥ 2500 | 77.7 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 |
| ≥ 2000 | 77.9 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 |
| ≥ 1800 | 77.3 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 |
| ≥ 1500 | 1.2 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 |
| ≥ 1200 | 2.4 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 |
| ≥ 1000 | 3.1 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 |
| ≥ 900 | 3.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 |
| ≥ 800 | 3.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 |
| ≥ 700 | 3.2 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 |
| ≥ 600 | 3.2 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 |
| ≥ 500 | 3.2 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 |
| ≥ 400 | 3.3 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 |
| ≥ 300 | 3.3 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 |
| ≥ 200 | 3.3 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 |
| ≥ 100 | 3.3 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 |
| ≥ 0 | 3.3 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 |

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER DIVISION

CEILING VERSUS VISIBILITY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------------|----------------------------|-----|-----|-----|-----|------|-----|------|------|-----|-----|-------|-----|-------|-----|-----|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ 5/8 | ≥ ½ | ≥ 3/8 | ≥ ¼ | ≥ 0 |
| NO CEILING ≥ 20000 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| IV 18000 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| IV 16000 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| IV 14000 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| IV 12000 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| IV 10000 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| IV 9000 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| IV 8000 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| IV 7000 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| IV 6000 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| IV 5000 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| IV 4500 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| IV 4000 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| IV 3500 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| IV 3000 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| IV 2500 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| IV 2000 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| IV 1800 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| IV 1500 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| IV 1200 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| IV 1000 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| IV 900 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| IV 800 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| IV 700 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| IV 600 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| IV 500 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| IV 400 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| IV 300 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| IV 200 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| IV 100 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| IV 0 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION NO. 1000 STATION NAME 1000 YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | |
|-------------------|--------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ 5/8 | ≥ 1/2 | ≥ 5/16 | ≥ 1/8 |
| NO CEILING | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 20000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 18000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 16000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 14000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 12000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 10000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 9000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 8000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 7000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 6000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 5000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 4500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 4000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 3500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 3000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 2500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 2000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 900 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

DATE OF OBSERVATION: 1961
 STATION: 1521 FT.
 AIRCRAFT: F-4C

CEILING VERSUS VISIBILITY

STATION: 1521 FT. DATE: 1961 MONTH: YEARS: HOURS (LST):

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|-------|------|--------|------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ 5/8 | ≥ ½ | ≥ 3/16 | ≥ ¼ | ≥ 0 |
| NO CEILING ≥ 20000 | 5.3 | 47.7 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| NV 18000 N 16000 | 5.3 | 53.3 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 |
| NV 14000 N 12000 | 5.3 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 |
| NV 10000 N 9000 | 5.3 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 |
| NV 8000 N 7000 | 5.3 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 |
| NV 6000 N 5000 | 5.3 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 |
| NV 4500 N 4000 | 5.3 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 |
| NV 3500 N 3000 | 5.3 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 |
| NV 2500 N 2000 | 5.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 |
| NV 1800 N 1500 | 5.3 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 |
| NV 1200 N 1000 | 5.3 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 |
| NV 900 N 800 | 5.3 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 |
| NV 700 N 600 | 5.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 |
| NV 500 N 400 | 5.3 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 |
| NV 300 N 200 | 5.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| NV 100 N 0 | 5.3 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |

TOTAL NUMBER OF OBSERVATIONS: 15

DATA FROM
USAF ETAC
AIR WEATHER

CEILING VERSUS VISIBILITY

03933
STATION

03933
STATION NAME

1-7
YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|-------|------|--------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ 5/8 | ≥ ½ | ≥ 5/16 | ≥ ¼ |
| NO CEILING | 5.8 | 44.1 | 44.7 | 44.9 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 |
| ≥ 20000 | 43.4 | 21.2 | 21.2 | 21.3 | 21.3 | 21.3 | 21.3 | 21.3 | 21.3 | 21.3 | 21.3 | 21.3 | 21.3 | 21.3 | 21.3 |
| ≥ 18000 | 43.7 | 21.2 | 21.2 | 21.3 | 21.3 | 21.3 | 21.3 | 21.3 | 21.3 | 21.3 | 21.3 | 21.3 | 21.3 | 21.3 | 21.3 |
| ≥ 16000 | 43.7 | 21.2 | 21.2 | 21.3 | 21.3 | 21.3 | 21.3 | 21.3 | 21.3 | 21.3 | 21.3 | 21.3 | 21.3 | 21.3 | 21.3 |
| ≥ 14000 | 44.1 | 21.3 | 21.3 | 21.4 | 21.4 | 21.4 | 21.4 | 21.4 | 21.4 | 21.4 | 21.4 | 21.4 | 21.4 | 21.4 | 21.4 |
| ≥ 12000 | 44.4 | 21.7 | 21.7 | 21.9 | 21.9 | 21.9 | 21.9 | 21.9 | 21.9 | 21.9 | 21.9 | 21.9 | 21.9 | 21.9 | 21.9 |
| ≥ 10000 | 45.1 | 22.7 | 22.7 | 23.2 | 23.2 | 23.2 | 23.2 | 23.2 | 23.2 | 23.2 | 23.2 | 23.2 | 23.2 | 23.2 | 23.2 |
| ≥ 9000 | 46.3 | 23.1 | 23.1 | 24.3 | 24.3 | 24.3 | 24.3 | 24.3 | 24.3 | 24.3 | 24.3 | 24.3 | 24.3 | 24.3 | 24.3 |
| ≥ 8000 | 47.4 | 23.7 | 23.7 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 |
| ≥ 7000 | 48.7 | 24.8 | 24.8 | 27.4 | 27.4 | 27.4 | 27.4 | 27.4 | 27.4 | 27.4 | 27.4 | 27.4 | 27.4 | 27.4 | 27.4 |
| ≥ 6000 | 49.9 | 25.5 | 25.5 | 29.1 | 29.1 | 29.1 | 29.1 | 29.1 | 29.1 | 29.1 | 29.1 | 29.1 | 29.1 | 29.1 | 29.1 |
| ≥ 5000 | 50.8 | 26.4 | 26.4 | 31.0 | 31.0 | 31.0 | 31.0 | 31.0 | 31.0 | 31.0 | 31.0 | 31.0 | 31.0 | 31.0 | 31.0 |
| ≥ 4500 | 51.4 | 27.1 | 27.1 | 31.5 | 31.5 | 31.5 | 31.5 | 31.5 | 31.5 | 31.5 | 31.5 | 31.5 | 31.5 | 31.5 | 31.5 |
| ≥ 4000 | 51.7 | 28.0 | 28.0 | 31.9 | 31.9 | 31.9 | 31.9 | 31.9 | 31.9 | 31.9 | 31.9 | 31.9 | 31.9 | 31.9 | 31.9 |
| ≥ 3500 | 51.9 | 28.0 | 28.0 | 31.9 | 31.9 | 31.9 | 31.9 | 31.9 | 31.9 | 31.9 | 31.9 | 31.9 | 31.9 | 31.9 | 31.9 |
| ≥ 3000 | 52.0 | 28.1 | 28.1 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 |
| ≥ 2500 | 52.1 | 28.1 | 28.1 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 |
| ≥ 2000 | 52.1 | 28.1 | 28.1 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 |
| ≥ 1800 | 52.1 | 28.1 | 28.1 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 |
| ≥ 1500 | 52.1 | 28.1 | 28.1 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 |
| ≥ 1200 | 52.1 | 28.1 | 28.1 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 |
| ≥ 1000 | 52.1 | 28.1 | 28.1 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 |
| ≥ 900 | 52.1 | 28.1 | 28.1 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 |
| ≥ 800 | 52.1 | 28.1 | 28.1 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 |
| ≥ 700 | 52.1 | 28.1 | 28.1 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 |
| ≥ 600 | 52.1 | 28.1 | 28.1 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 |
| ≥ 500 | 52.1 | 28.1 | 28.1 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 |
| ≥ 400 | 52.1 | 28.1 | 28.1 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 |
| ≥ 300 | 52.1 | 28.1 | 28.1 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 |
| ≥ 200 | 52.1 | 28.1 | 28.1 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 |
| ≥ 100 | 52.1 | 28.1 | 28.1 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 |
| ≥ 0 | 52.1 | 28.1 | 28.1 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 |

TOTAL NUMBER OF OBSERVATIONS

ALBANY AIR FORCE BASE
ALBANY, N.Y.
ALBANY AIR FORCE BASE

CEILING VERSUS VISIBILITY

STATION: ALBANY AIR FORCE BASE YEARS: 1971 MONTH: 1
STATION NAME: ALBANY AIR FORCE BASE HOURS (L.S.T.): 1

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|-------|------|-------|------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ 5/8 | ≥ ½ | ≥ 3/8 | ≥ ¼ | ≥ 0 |
| NO CEILING | 7.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 |
| ≥ 20000 | 7.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 |
| 18000 | 7.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 |
| 16000 | 7.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 |
| 14000 | 7.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 |
| 12000 | 7.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 |
| 10000 | 7.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 |
| 9000 | 7.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 |
| 8000 | 7.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 |
| 7000 | 7.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 |
| 6000 | 7.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 |
| 5000 | 7.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 |
| 4500 | 7.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 |
| 4000 | 7.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 |
| 3500 | 7.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 |
| 3000 | 7.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 |
| 2500 | 7.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 |
| 2000 | 7.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 |
| 1800 | 7.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 |
| 1500 | 7.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 |
| 1200 | 7.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 |
| 1000 | 7.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 |
| 900 | 7.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 |
| 800 | 7.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 |
| 700 | 7.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 |
| 600 | 7.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 |
| 500 | 7.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 |
| 400 | 7.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 |
| 300 | 7.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 |
| 200 | 7.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 |
| 100 | 7.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 |
| 0 | 7.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 |

TOTAL NUMBER OF OBSERVATIONS

5

STATION NAME
STATION NUMBER

CEILING VERSUS VISIBILITY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------------|----------------------------|-----|-----|-----|-----|------|-----|------|------|-----|-----|-------|-----|--------|-----|-----|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ 5/8 | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING ≥ 20000 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 18000 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 16000 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 14000 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 12000 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 10000 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 9000 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 8000 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 7000 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 6000 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 5000 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 4500 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 4000 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 3500 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 3000 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 2500 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 2000 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 1800 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 1500 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 1200 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 1000 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 900 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 800 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 700 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 600 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 500 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 400 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 300 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 200 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 100 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 0 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |

TOTAL NUMBER OF OBSERVATIONS

5

DATA PROCESSING UNIT
 1201-11
 AIR FORCE RESEARCH AND DEVELOPMENT COMMAND

CEILING VERSUS VISIBILITY

STATION
 1201-11

STATION NAME

1.2

YEARS

MONTH

1
 HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|-----|-----|-----|-----|------|-----|------|------|-----|-----|-------|-----|--------|-----|-----|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ 5/8 | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| ≥ 20000 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| ≥ 18000 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| ≥ 16000 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| ≥ 14000 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| ≥ 12000 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| ≥ 10000 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| ≥ 9000 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| ≥ 8000 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| ≥ 7000 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| ≥ 6000 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| ≥ 5000 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| ≥ 4500 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| ≥ 4000 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| ≥ 3500 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| ≥ 3000 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| ≥ 2500 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| ≥ 2000 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| ≥ 1800 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| ≥ 1500 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| ≥ 1000 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| ≥ 800 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| ≥ 700 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| ≥ 600 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| ≥ 500 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| ≥ 400 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| ≥ 300 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| ≥ 200 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| ≥ 100 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| ≥ 0 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |

TOTAL NUMBER OF OBSERVATIONS

1. NAME OF STATION
2. USAF ETAC
3. AIRCRAFT TYPE

CEILING VERSUS VISIBILITY

4. DATE 5. TIME 6. MONTH 7. YEARS 8. HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|-------|------|--------|------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ 5/8 | ≥ ½ | ≥ 3/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 |
| ≥ 20000 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 |
| 18000 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 |
| 16000 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 |
| 14000 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 |
| 12000 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 |
| 10000 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 |
| 9000 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 |
| 8000 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 |
| 7000 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 |
| 6000 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 |
| 5000 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 |
| 4500 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 |
| 4000 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 |
| 3500 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 |
| 3000 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 |
| 2500 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 |
| 2000 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 |
| 1800 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 |
| 1500 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 |
| 1200 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 |
| 1000 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 |
| 900 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 |
| 800 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 |
| 700 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 |
| 600 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 |
| 500 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 |
| 400 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 |
| 300 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 |
| 200 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 |
| 100 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 |
| 0 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 |

TOTAL NUMBER OF OBSERVATIONS

5
C

AT PERMISSIBLE
STATION
STATION NAME

CEILING VERSUS VISIBILITY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------------|----------------------------|-----|-----|-----|-----|------|-----|------|------|-----|-----|-------|-----|--------|-----|-----|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ 5/8 | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING ≥ 20000 | 1.4 | 1.1 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 |
| IV 18000 IV 16000 | 1.4 | 1.1 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 |
| IV 14000 IV 12000 | 1.4 | 1.1 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 |
| IV 10000 IV 9000 | 1.4 | 1.1 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 |
| IV 8000 IV 7000 | 1.4 | 1.1 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 |
| IV 6000 IV 5000 | 1.4 | 1.1 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 |
| IV 4500 IV 4000 | 1.4 | 1.1 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 |
| IV 3500 IV 3000 | 1.4 | 1.1 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 |
| IV 2500 IV 2000 | 1.4 | 1.1 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 |
| IV 1800 IV 1500 | 1.4 | 1.1 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 |
| IV 1200 IV 1000 | 1.4 | 1.1 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 |
| IV 900 IV 800 | 1.4 | 1.1 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 |
| IV 700 IV 600 | 1.4 | 1.1 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 |
| IV 500 IV 400 | 1.4 | 1.1 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 |
| IV 300 IV 200 | 1.4 | 1.1 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 |
| IV 100 IV 0 | 1.4 | 1.1 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 |

TOTAL NUMBER OF OBSERVATIONS

5

DATA FROM 514 QMS 11
USAF ETAC
AIR 11-11-11 11:11:11

CEILING VERSUS VISIBILITY

STATION 11111 STATION NAME 11111 YEARS MONTH HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|-----|-----|-----|-----|------|-----|------|------|-----|-----|-------|-----|--------|-----|-----|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ 5/8 | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 5.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 |
| ≥ 20000 | 5.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 |
| IV 18000 | 5.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 |
| IV 16000 | 5.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 |
| IV 14000 | 5.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 |
| IV 12000 | 5.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 |
| IV 10000 | 5.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 |
| IV 9000 | 5.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 |
| IV 8000 | 5.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 |
| IV 7000 | 5.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 |
| IV 6000 | 5.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 |
| IV 5000 | 5.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 |
| IV 4500 | 5.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 |
| IV 4000 | 5.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 |
| IV 3500 | 5.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 |
| IV 3000 | 5.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 |
| IV 2500 | 5.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 |
| IV 2000 | 5.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 |
| IV 1800 | 5.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 |
| IV 1500 | 5.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 |
| IV 1200 | 5.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 |
| IV 1000 | 5.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 |
| IV 900 | 5.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 |
| IV 800 | 5.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 |
| IV 700 | 5.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 |
| IV 600 | 5.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 |
| IV 500 | 5.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 |
| IV 400 | 5.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 |
| IV 300 | 5.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 |
| IV 200 | 5.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 |
| IV 100 | 5.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 |
| IV 0 | 5.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 |

101 NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

UNITED STATES AIR FORCE
USAF ETAC
AIR WEATHER SERVICE

STATION 03933 STATION NAME TUSCONA TOWNSHIP AZ YEARS 1-7 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------------|----------------------------|-----|-----|-----|-----|------|-----|------|------|-----|-----|-------|-----|--------|-----|-----|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ 5/8 | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING ≥ 20000 | 1.1 | 3.1 | 3.1 | 3.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 |
| IV 18000 | 2.1 | 1.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 |
| IV 16000 | 2.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 |
| IV 14000 | 1.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 |
| IV 12000 | 1.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 |
| IV 10000 | 1.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 |
| IV 9000 | 1.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 |
| IV 8000 | 1.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 |
| IV 7000 | 1.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 |
| IV 6000 | 1.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 |
| IV 5000 | 1.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 |
| IV 4500 | 1.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 |
| IV 4000 | 1.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 |
| IV 3500 | 1.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 |
| IV 3000 | 1.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 |
| IV 2500 | 1.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 |
| IV 2000 | 1.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 |
| IV 1800 | 1.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 |
| IV 1500 | 1.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 |
| IV 1200 | 1.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 |
| IV 1000 | 1.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 |
| IV 900 | 1.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 |
| IV 800 | 1.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 |
| IV 700 | 1.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 |
| IV 600 | 1.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 |
| IV 500 | 1.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 |
| IV 400 | 1.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 |
| IV 300 | 1.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 |
| IV 200 | 1.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 |
| IV 100 | 1.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 |
| IV 0 | 1.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 |

TOTAL NUMBER OF OBSERVATIONS

5

 DATE: 10/10/10
 TIME: 10:00
 AIRCRAFT: 10000

CEILING VERSUS VISIBILITY

STATION

STATION NAME

1-7

YEARS

MONTH

HOURS (LST)

 PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ 5/8 | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 20000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 18000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 16000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 14000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 12000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 10000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 9000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 8000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 7000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 6000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 5000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 4500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 4000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 3500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 3000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 2500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 2000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 900 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 700 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 600 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 400 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 300 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 100 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

DATE: 10/1/54
STATION: APT 10/1/54

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY (STATUTE MILES): | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|-----|-----|-----|-----|------|-----|------|------|-----|-----|-------|-----|--------|-----|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ 5/8 | ≥ ½ | ≥ 5/16 | ≥ ¼ |
| NO CEILING ≥ 20000 | 7.1 | 4.8 | 4.0 | 3.7 | 4.0 | 4.7 | 5.1 | 5.7 | 6.1 | 6.7 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 |
| 18000 | 7.1 | 4.8 | 4.0 | 3.7 | 4.0 | 4.7 | 5.1 | 5.7 | 6.1 | 6.7 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 |
| 16000 | 7.1 | 4.8 | 4.0 | 3.7 | 4.0 | 4.7 | 5.1 | 5.7 | 6.1 | 6.7 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 |
| 14000 | 7.1 | 4.8 | 4.0 | 3.7 | 4.0 | 4.7 | 5.1 | 5.7 | 6.1 | 6.7 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 |
| 12000 | 7.1 | 4.8 | 4.0 | 3.7 | 4.0 | 4.7 | 5.1 | 5.7 | 6.1 | 6.7 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 |
| 10000 | 7.1 | 4.8 | 4.0 | 3.7 | 4.0 | 4.7 | 5.1 | 5.7 | 6.1 | 6.7 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 |
| 9000 | 7.1 | 4.8 | 4.0 | 3.7 | 4.0 | 4.7 | 5.1 | 5.7 | 6.1 | 6.7 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 |
| 8000 | 7.1 | 4.8 | 4.0 | 3.7 | 4.0 | 4.7 | 5.1 | 5.7 | 6.1 | 6.7 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 |
| 7000 | 7.1 | 4.8 | 4.0 | 3.7 | 4.0 | 4.7 | 5.1 | 5.7 | 6.1 | 6.7 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 |
| 6000 | 7.1 | 4.8 | 4.0 | 3.7 | 4.0 | 4.7 | 5.1 | 5.7 | 6.1 | 6.7 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 |
| 5000 | 7.1 | 4.8 | 4.0 | 3.7 | 4.0 | 4.7 | 5.1 | 5.7 | 6.1 | 6.7 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 |
| 4500 | 7.1 | 4.8 | 4.0 | 3.7 | 4.0 | 4.7 | 5.1 | 5.7 | 6.1 | 6.7 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 |
| 4000 | 7.1 | 4.8 | 4.0 | 3.7 | 4.0 | 4.7 | 5.1 | 5.7 | 6.1 | 6.7 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 |
| 3500 | 7.1 | 4.8 | 4.0 | 3.7 | 4.0 | 4.7 | 5.1 | 5.7 | 6.1 | 6.7 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 |
| 3000 | 7.1 | 4.8 | 4.0 | 3.7 | 4.0 | 4.7 | 5.1 | 5.7 | 6.1 | 6.7 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 |
| 2500 | 7.1 | 4.8 | 4.0 | 3.7 | 4.0 | 4.7 | 5.1 | 5.7 | 6.1 | 6.7 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 |
| 2000 | 7.1 | 4.8 | 4.0 | 3.7 | 4.0 | 4.7 | 5.1 | 5.7 | 6.1 | 6.7 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 |
| 1500 | 7.1 | 4.8 | 4.0 | 3.7 | 4.0 | 4.7 | 5.1 | 5.7 | 6.1 | 6.7 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 |
| 1000 | 7.1 | 4.8 | 4.0 | 3.7 | 4.0 | 4.7 | 5.1 | 5.7 | 6.1 | 6.7 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 |
| 900 | 7.1 | 4.8 | 4.0 | 3.7 | 4.0 | 4.7 | 5.1 | 5.7 | 6.1 | 6.7 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 |
| 800 | 7.1 | 4.8 | 4.0 | 3.7 | 4.0 | 4.7 | 5.1 | 5.7 | 6.1 | 6.7 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 |
| 700 | 7.1 | 4.8 | 4.0 | 3.7 | 4.0 | 4.7 | 5.1 | 5.7 | 6.1 | 6.7 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 |
| 600 | 7.1 | 4.8 | 4.0 | 3.7 | 4.0 | 4.7 | 5.1 | 5.7 | 6.1 | 6.7 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 |
| 500 | 7.1 | 4.8 | 4.0 | 3.7 | 4.0 | 4.7 | 5.1 | 5.7 | 6.1 | 6.7 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 |
| 400 | 7.1 | 4.8 | 4.0 | 3.7 | 4.0 | 4.7 | 5.1 | 5.7 | 6.1 | 6.7 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 |
| 300 | 7.1 | 4.8 | 4.0 | 3.7 | 4.0 | 4.7 | 5.1 | 5.7 | 6.1 | 6.7 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 |
| 200 | 7.1 | 4.8 | 4.0 | 3.7 | 4.0 | 4.7 | 5.1 | 5.7 | 6.1 | 6.7 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 |
| 100 | 7.1 | 4.8 | 4.0 | 3.7 | 4.0 | 4.7 | 5.1 | 5.7 | 6.1 | 6.7 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 |
| 0 | 7.1 | 4.8 | 4.0 | 3.7 | 4.0 | 4.7 | 5.1 | 5.7 | 6.1 | 6.7 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 |

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ 5/8 | ≥ ½ | ≥ 3/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 20000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 18000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 16000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 14000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 12000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 10000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 8000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 7000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 6000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 5000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 4500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 4000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 3500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 3000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 2500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 2000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 900 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

DATA FOR THIS DIVISION
 NAME OF STATION
 AIR ROUTE

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|-----|-----|-----|-----|------|-----|------|------|-----|-----|-------|-----|-------|-----|-----|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ 5/8 | ≥ ½ | ≥ 3/8 | ≥ ¼ | ≥ 0 |
| NO CEILING | 3.1 | 4.2 | 4.6 | 4.7 | 4.8 | 4.8 | 4.8 | 4.8 | 4.8 | 4.8 | 4.8 | 4.8 | 4.8 | 4.8 | 4.8 | 4.8 |
| ≥ 20000 | 5.1 | 1.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| 18000 | 1.1 | 1.4 | 1.7 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| 16000 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| 14000 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| 12000 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| 10000 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| 9000 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| 8000 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| 7000 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| 6000 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| 5000 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| 4500 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| 4000 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| 3500 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| 3000 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| 2500 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| 2000 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| 1800 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| 1500 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| 1200 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| 1000 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| 900 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| 800 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| 700 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| 600 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| 500 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| 400 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| 300 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| 200 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| 100 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| 0 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING CENTER
 1501 17A
 AIR FORCE OF VIETNAM

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|-----|-----|-----|-----|------|-----|------|------|-----|-----|-------|-----|--------|-----|-----|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ 5/8 | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 |
| ≥ 20000 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 |
| IV 18000 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 |
| IV 16000 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 |
| IV 14000 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 |
| IV 12000 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 |
| IV 10000 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 |
| IV 9000 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 |
| IV 8000 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 |
| IV 7000 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 |
| IV 6000 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 |
| IV 5000 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 |
| IV 4500 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 |
| IV 4000 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 |
| IV 3500 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 |
| IV 3000 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 |
| IV 2500 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 |
| IV 2000 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 |
| IV 1800 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 |
| IV 1500 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 |
| IV 1200 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 |
| IV 1000 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 |
| IV 900 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 |
| IV 800 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 |
| IV 700 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 |
| IV 600 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 |
| IV 500 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 |
| IV 400 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 |
| IV 300 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 |
| IV 200 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 |
| IV 100 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 |
| IV 0 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 |

TOTAL NUMBER OF OBSERVATIONS 9.5

DATA PRESENTATION METHOD
USAF ETAC
AIR WEATHER SERVICE/SAF

CEILING VERSUS VISIBILITY

03931
STATION

PORT MOUTH TEXAS/FORT B. H. HAY
STATION NAME

1-7
YEARS

MONTH

HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|-----|-----|-----|-----|------|-----|------|------|-----|-----|-------|-----|--------|-----|-----|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ 5/8 | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 1.4 | 1.7 | 1.9 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 |
| ≥ 20000 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 |
| ≥ 18000 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 |
| ≥ 16000 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 |
| ≥ 14000 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 |
| ≥ 12000 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 |
| ≥ 10000 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 |
| ≥ 9000 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 |
| ≥ 8000 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 |
| ≥ 7000 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 |
| ≥ 6000 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 |
| ≥ 5000 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 |
| ≥ 4500 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 |
| ≥ 4000 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 |
| ≥ 3500 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 |
| ≥ 3000 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 |
| ≥ 2500 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 |
| ≥ 2000 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 |
| ≥ 1800 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 |
| ≥ 1500 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 |
| ≥ 1200 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 |
| ≥ 1000 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 |
| ≥ 900 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 |
| ≥ 800 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 |
| ≥ 700 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 |
| ≥ 600 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 |
| ≥ 500 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 |
| ≥ 400 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 |
| ≥ 300 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 |
| ≥ 200 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 |
| ≥ 100 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 |
| ≥ 0 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 |

TOTAL NUMBER OF OBSERVATIONS

900

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AMC

CEILING VERSUS VISIBILITY

03933
STATION

POINT HOGG TEXAS/FORT HOGG AAF
STATION NAME

41-7
YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1 2 3 4 5 6
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|-------|------|-------|------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ 5/8 | ≥ ½ | ≥ 3/8 | ≥ ¼ | ≥ 0 |
| NO CEILING | 54.2 | 54.5 | 54.6 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 |
| ≥ 20000 | 54.1 | 54.1 | 54.2 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 |
| ≥ 18000 | 54.1 | 54.1 | 54.2 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 |
| ≥ 16000 | 54.1 | 54.1 | 54.2 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 |
| ≥ 14000 | 54.1 | 54.1 | 54.2 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 |
| ≥ 12000 | 54.1 | 54.1 | 54.2 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 |
| ≥ 10000 | 54.1 | 54.1 | 54.2 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 |
| ≥ 9000 | 54.1 | 54.1 | 54.2 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 |
| ≥ 8000 | 54.1 | 54.1 | 54.2 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 |
| ≥ 7000 | 54.1 | 54.1 | 54.2 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 |
| ≥ 6000 | 54.1 | 54.1 | 54.2 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 |
| ≥ 5000 | 54.1 | 54.1 | 54.2 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 |
| ≥ 4500 | 54.1 | 54.1 | 54.2 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 |
| ≥ 4000 | 54.1 | 54.1 | 54.2 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 |
| ≥ 3500 | 54.1 | 54.1 | 54.2 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 |
| ≥ 3000 | 54.1 | 54.1 | 54.2 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 |
| ≥ 2500 | 54.1 | 54.1 | 54.2 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 |
| ≥ 2000 | 54.1 | 54.1 | 54.2 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 |
| ≥ 1800 | 54.1 | 54.1 | 54.2 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 |
| ≥ 1500 | 54.1 | 54.1 | 54.2 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 |
| ≥ 1200 | 54.1 | 54.1 | 54.2 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 |
| ≥ 1000 | 54.1 | 54.1 | 54.2 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 |
| ≥ 900 | 54.1 | 54.1 | 54.2 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 |
| ≥ 800 | 54.1 | 54.1 | 54.2 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 |
| ≥ 700 | 54.1 | 54.1 | 54.2 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 |
| ≥ 600 | 54.1 | 54.1 | 54.2 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 |
| ≥ 500 | 54.1 | 54.1 | 54.2 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 |
| ≥ 400 | 54.1 | 54.1 | 54.2 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 |
| ≥ 300 | 54.1 | 54.1 | 54.2 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 |
| ≥ 200 | 54.1 | 54.1 | 54.2 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 |
| ≥ 100 | 54.1 | 54.1 | 54.2 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 |
| ≥ 0 | 54.1 | 54.1 | 54.2 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 |

TOTAL NUMBER OF OBSERVATIONS

930

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAG

CEILING VERSUS VISIBILITY

13033
STATION

FORT HOOD TEXAS/FORT HOOD AFB
STATION NAME

1-70
YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|-------|------|--------|------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ 5/8 | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 41.7 | 45.1 | 45.7 | 46.8 | 46.1 | 46.1 | 46.1 | 46.1 | 46.1 | 46.1 | 46.2 | 46.2 | 46.2 | 46.2 | 46.2 | 46.2 |
| ≥ 20000 | 45.7 | 50.0 | 50.5 | 50.8 | 51.0 | 51.0 | 51.1 | 51.1 | 51.1 | 51.1 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 |
| ≥ 18000 | 45.7 | 50.0 | 50.5 | 50.8 | 51.0 | 51.0 | 51.1 | 51.1 | 51.1 | 51.1 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 |
| ≥ 16000 | 45.7 | 50.0 | 50.5 | 50.8 | 51.0 | 51.0 | 51.1 | 51.1 | 51.1 | 51.1 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 |
| ≥ 14000 | 45.7 | 50.0 | 50.5 | 50.8 | 51.0 | 51.0 | 51.1 | 51.1 | 51.1 | 51.1 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 |
| ≥ 12000 | 46.1 | 50.4 | 51.0 | 51.2 | 51.4 | 51.4 | 51.5 | 51.5 | 51.5 | 51.5 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 |
| ≥ 10000 | 47.3 | 51.8 | 52.4 | 52.6 | 52.8 | 52.8 | 52.9 | 52.9 | 52.9 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 |
| ≥ 9000 | 47.4 | 51.9 | 52.5 | 52.7 | 52.9 | 52.9 | 53.0 | 53.0 | 53.0 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 |
| ≥ 8000 | 48.0 | 52.9 | 53.4 | 53.7 | 53.9 | 53.9 | 54.0 | 54.0 | 54.0 | 54.0 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 |
| ≥ 7000 | 48.4 | 53.4 | 54.0 | 54.2 | 54.4 | 54.4 | 54.5 | 54.5 | 54.5 | 54.5 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 |
| ≥ 6000 | 48.6 | 53.7 | 54.2 | 54.4 | 54.6 | 54.6 | 54.7 | 54.7 | 54.7 | 54.7 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 |
| ≥ 5000 | 49.4 | 54.5 | 55.1 | 55.3 | 55.6 | 55.6 | 55.7 | 55.7 | 55.7 | 55.7 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 |
| ≥ 4500 | 50.2 | 55.7 | 56.2 | 56.6 | 56.7 | 56.9 | 57.0 | 57.0 | 57.0 | 57.1 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 |
| ≥ 4000 | 50.3 | 56.2 | 56.8 | 57.2 | 57.5 | 57.5 | 57.6 | 57.6 | 57.6 | 57.7 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 |
| ≥ 3500 | 51.8 | 56.1 | 56.6 | 57.0 | 57.4 | 57.4 | 57.5 | 57.5 | 57.5 | 57.6 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 |
| ≥ 3000 | 52.8 | 57.1 | 57.8 | 58.2 | 58.5 | 58.5 | 58.6 | 58.6 | 58.6 | 58.7 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 |
| ≥ 2500 | 54.1 | 58.1 | 58.8 | 59.3 | 59.6 | 59.6 | 59.7 | 59.7 | 59.7 | 59.8 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 |
| ≥ 2000 | 58.4 | 60.8 | 61.5 | 62.0 | 62.3 | 62.3 | 62.4 | 62.4 | 62.4 | 62.5 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 |
| ≥ 1800 | 54.9 | 58.6 | 59.1 | 59.7 | 60.0 | 60.0 | 60.1 | 60.1 | 60.1 | 60.2 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 |
| ≥ 1500 | 63.9 | 72.6 | 73.3 | 73.9 | 74.2 | 74.2 | 74.3 | 74.3 | 74.3 | 74.4 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 |
| ≥ 1200 | 60.2 | 79.2 | 80.1 | 80.9 | 81.2 | 81.2 | 81.4 | 81.4 | 81.4 | 81.5 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 |
| ≥ 1000 | 70.1 | 81.9 | 82.8 | 83.7 | 84.1 | 84.1 | 84.3 | 84.3 | 84.3 | 84.4 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 |
| ≥ 900 | 70.4 | 82.9 | 84.0 | 84.8 | 85.4 | 85.4 | 85.6 | 85.6 | 85.6 | 85.7 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 |
| ≥ 800 | 71.1 | 84.9 | 86.0 | 86.9 | 87.4 | 87.4 | 87.7 | 87.7 | 87.7 | 87.8 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 |
| ≥ 700 | 71.8 | 86.0 | 87.1 | 88.2 | 88.9 | 88.9 | 89.2 | 89.2 | 89.2 | 89.3 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 |
| ≥ 600 | 72.5 | 88.8 | 90.1 | 91.3 | 92.2 | 92.3 | 92.5 | 92.5 | 92.5 | 92.7 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 |
| ≥ 500 | 72.9 | 90.1 | 92.0 | 93.3 | 94.4 | 94.5 | 94.8 | 94.8 | 94.8 | 95.0 | 95.1 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 |
| ≥ 400 | 73.0 | 90.5 | 93.1 | 94.8 | 96.0 | 96.2 | 96.5 | 96.5 | 96.5 | 96.8 | 97.0 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| ≥ 300 | 73.0 | 91.0 | 93.5 | 95.6 | 96.2 | 96.7 | 97.1 | 97.7 | 98.0 | 98.1 | 98.6 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 |
| ≥ 200 | 73.0 | 91.0 | 93.5 | 95.6 | 96.2 | 96.7 | 97.1 | 97.7 | 98.0 | 98.1 | 98.6 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 |
| ≥ 100 | 73.0 | 91.0 | 93.5 | 95.6 | 96.2 | 96.7 | 97.1 | 97.7 | 98.0 | 98.1 | 98.6 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 |
| ≥ 0 | 73.0 | 91.0 | 93.5 | 95.6 | 96.2 | 96.7 | 97.1 | 97.7 | 98.0 | 98.1 | 98.6 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 |

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

03933
STATION

FORT HOOD TEXAS/FORT HOOD AAF
STATION NAME

01-70
YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURLY (15.1)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|-------|------|-------|------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ 5/8 | ≥ ½ | ≥ 3/8 | ≥ ¼ | ≥ 0 |
| NO CEILING | 31.4 | 31.7 | 33.3 | 34.3 | 35.1 | 34.8 | 35.4 | 35.5 | 35.5 | 35.5 | 35.5 | 35.5 | 35.5 | 35.5 | 35.5 | 35.5 |
| ≥ 20000 | 7.8 | 37.7 | 40.3 | 41.6 | 42.2 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 |
| ≥ 18000 | 7.8 | 37.7 | 40.3 | 41.6 | 42.2 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 |
| ≥ 16000 | 7.8 | 37.7 | 40.3 | 41.6 | 42.2 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 |
| ≥ 14000 | 7.8 | 37.7 | 40.3 | 41.6 | 42.2 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 |
| ≥ 12000 | 7.8 | 37.7 | 40.3 | 41.6 | 42.2 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 |
| ≥ 10000 | 7.8 | 37.7 | 40.3 | 41.6 | 42.2 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 |
| ≥ 9000 | 7.8 | 37.7 | 40.3 | 41.6 | 42.2 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 |
| ≥ 8000 | 7.8 | 37.7 | 40.3 | 41.6 | 42.2 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 |
| ≥ 7000 | 7.8 | 37.7 | 40.3 | 41.6 | 42.2 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 |
| ≥ 6000 | 7.8 | 37.7 | 40.3 | 41.6 | 42.2 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 |
| ≥ 5000 | 7.8 | 37.7 | 40.3 | 41.6 | 42.2 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 |
| ≥ 4000 | 7.8 | 37.7 | 40.3 | 41.6 | 42.2 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 |
| ≥ 3500 | 7.8 | 37.7 | 40.3 | 41.6 | 42.2 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 |
| ≥ 3000 | 7.8 | 37.7 | 40.3 | 41.6 | 42.2 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 |
| ≥ 2500 | 7.8 | 37.7 | 40.3 | 41.6 | 42.2 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 |
| ≥ 2000 | 7.8 | 37.7 | 40.3 | 41.6 | 42.2 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 |
| ≥ 1800 | 7.8 | 37.7 | 40.3 | 41.6 | 42.2 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 |
| ≥ 1500 | 7.8 | 37.7 | 40.3 | 41.6 | 42.2 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 |
| ≥ 1200 | 7.8 | 37.7 | 40.3 | 41.6 | 42.2 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 |
| ≥ 1000 | 7.8 | 37.7 | 40.3 | 41.6 | 42.2 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 |
| ≥ 900 | 7.8 | 37.7 | 40.3 | 41.6 | 42.2 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 |
| ≥ 800 | 7.8 | 37.7 | 40.3 | 41.6 | 42.2 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 |
| ≥ 700 | 7.8 | 37.7 | 40.3 | 41.6 | 42.2 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 |
| ≥ 600 | 7.8 | 37.7 | 40.3 | 41.6 | 42.2 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 |
| ≥ 500 | 7.8 | 37.7 | 40.3 | 41.6 | 42.2 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 |
| ≥ 400 | 7.8 | 37.7 | 40.3 | 41.6 | 42.2 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 |
| ≥ 300 | 7.8 | 37.7 | 40.3 | 41.6 | 42.2 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 |
| ≥ 200 | 7.8 | 37.7 | 40.3 | 41.6 | 42.2 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 |
| ≥ 100 | 7.8 | 37.7 | 40.3 | 41.6 | 42.2 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 |
| ≥ 0 | 7.8 | 37.7 | 40.3 | 41.6 | 42.2 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 |

TOTAL NUMBER OF OBSERVATIONS 939

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/SAF

CEILING VERSUS VISIBILITY

STATION
35233

STATION NAME
PORT ANDREWS TOWER LIGHT HOUSE

YEARS
1-7

MONTH

HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|-------|------|--------|------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ 5/8 | ≥ ½ | ≥ 3/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 1.4 | 37.0 | 37.0 | 37.0 | 37.0 | 37.0 | 37.0 | 37.0 | 37.0 | 37.0 | 37.0 | 37.0 | 37.0 | 37.0 | 37.0 | 37.0 |
| ≥ 20000 | 7.0 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 |
| ≥ 18000 | 7.0 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 |
| ≥ 16000 | 7.0 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 |
| ≥ 14000 | 7.0 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 |
| ≥ 12000 | 7.0 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 |
| ≥ 10000 | 7.0 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 |
| ≥ 9000 | 7.0 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 |
| ≥ 8000 | 7.0 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 |
| ≥ 7000 | 7.0 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 |
| ≥ 6000 | 7.0 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 |
| ≥ 5000 | 7.0 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 |
| ≥ 4500 | 7.0 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 |
| ≥ 4000 | 7.0 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 |
| ≥ 3500 | 7.0 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 |
| ≥ 3000 | 7.0 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 |
| ≥ 2500 | 7.0 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 |
| ≥ 2000 | 7.0 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 |
| ≥ 1800 | 7.0 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 |
| ≥ 1500 | 7.0 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 |
| ≥ 1200 | 7.0 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 |
| ≥ 1000 | 7.0 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 |
| ≥ 900 | 7.0 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 |
| ≥ 800 | 7.0 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 |
| ≥ 700 | 7.0 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 |
| ≥ 600 | 7.0 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 |
| ≥ 500 | 7.0 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 |
| ≥ 400 | 7.0 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 |
| ≥ 300 | 7.0 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 |
| ≥ 200 | 7.0 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 |
| ≥ 100 | 7.0 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 |
| 0 | 7.0 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 |

TOTAL NUMBER OF OBSERVATIONS 230

DATA PROCESSING DIVISION
USAF ETAC
AIR TEST CENTER WILLOW

CEILING VERSUS VISIBILITY

04733
STATION

FORT HODG TEXAS/FORT HODG AFB

1-7

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|-------|------|--------|------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ 5/8 | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 41.2 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 |
| ≥ 20000 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 |
| ≥ 18000 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 |
| ≥ 16000 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 |
| ≥ 14000 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 |
| ≥ 12000 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 |
| ≥ 10000 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 |
| ≥ 9000 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 |
| ≥ 8000 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 |
| ≥ 7000 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 |
| ≥ 6000 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 |
| ≥ 5000 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 |
| ≥ 4500 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 |
| ≥ 4000 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 |
| ≥ 3500 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 |
| ≥ 3000 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 |
| ≥ 2500 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 |
| ≥ 2000 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 |
| ≥ 1800 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 |
| ≥ 1500 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 |
| ≥ 1200 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 |
| ≥ 1000 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 |
| ≥ 900 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 |
| ≥ 800 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 |
| ≥ 700 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 |
| ≥ 600 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 |
| ≥ 500 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 |
| ≥ 400 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 |
| ≥ 300 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 |
| ≥ 200 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 |
| ≥ 100 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 |
| ≥ 0 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 |

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AF

CEILING VERSUS VISIBILITY

03-73
STATION

FORT HODD TEXAS/FORT HODD CO
STATION NAME

1-7
YEARS

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1-1
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|-------|------|--------|------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ 5/8 | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 45.6 | 47.5 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 |
| ≥ 20000 | 45.6 | 47.5 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 |
| ≥ 18000 | 45.6 | 47.5 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 |
| ≥ 16000 | 45.6 | 47.5 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 |
| ≥ 14000 | 45.6 | 47.5 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 |
| ≥ 12000 | 45.6 | 47.5 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 |
| ≥ 10000 | 45.6 | 47.5 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 |
| ≥ 8000 | 45.6 | 47.5 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 |
| ≥ 7000 | 45.6 | 47.5 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 |
| ≥ 6000 | 45.6 | 47.5 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 |
| ≥ 5000 | 45.6 | 47.5 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 |
| ≥ 4500 | 45.6 | 47.5 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 |
| ≥ 4000 | 45.6 | 47.5 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 |
| ≥ 3500 | 45.6 | 47.5 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 |
| ≥ 3000 | 45.6 | 47.5 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 |
| ≥ 2500 | 45.6 | 47.5 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 |
| ≥ 2000 | 45.6 | 47.5 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 |
| ≥ 1800 | 45.6 | 47.5 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 |
| ≥ 1600 | 45.6 | 47.5 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 |
| ≥ 1400 | 45.6 | 47.5 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 |
| ≥ 1200 | 45.6 | 47.5 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 |
| ≥ 1000 | 45.6 | 47.5 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 |
| ≥ 900 | 45.6 | 47.5 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 |
| ≥ 800 | 45.6 | 47.5 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 |
| ≥ 700 | 45.6 | 47.5 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 |
| ≥ 600 | 45.6 | 47.5 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 |
| ≥ 500 | 45.6 | 47.5 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 |
| ≥ 400 | 45.6 | 47.5 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 |
| ≥ 300 | 45.6 | 47.5 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 |
| ≥ 200 | 45.6 | 47.5 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 |
| ≥ 100 | 45.6 | 47.5 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 |
| ≥ 0 | 45.6 | 47.5 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 |

TOTAL NUMBER OF OBSERVATIONS

930

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AMC

CEILING VERSUS VISIBILITY

03033
STATION

FORT HORN TEXAS 45/40R (113) 001
STATION NAME

1970
YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|-------|------|-------|-------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ 5/8 | ≥ ½ | ≥ 3/8 | ≥ 1/4 | ≥ 0 |
| NO CEILING | 4.6 | 17.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 |
| ≥ 20000 | 0.1 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| ≥ 18000 | 0.1 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| ≥ 16000 | 0.1 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| ≥ 14000 | 0.1 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| ≥ 12000 | 0.1 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| ≥ 10000 | 0.1 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| ≥ 9000 | 0.1 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| ≥ 8000 | 0.1 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| ≥ 7000 | 0.1 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| ≥ 6000 | 0.1 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| ≥ 5000 | 0.1 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| ≥ 4500 | 0.1 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| ≥ 4000 | 0.1 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| ≥ 3500 | 0.1 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| ≥ 3000 | 0.1 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| ≥ 2500 | 0.1 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| ≥ 2000 | 0.1 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| ≥ 1800 | 0.1 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| ≥ 1500 | 0.1 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| ≥ 1200 | 0.1 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| ≥ 1000 | 0.1 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| ≥ 900 | 0.1 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| ≥ 800 | 0.1 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| ≥ 700 | 0.1 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| ≥ 600 | 0.1 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| ≥ 500 | 0.1 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| ≥ 400 | 0.1 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| ≥ 300 | 0.1 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| ≥ 200 | 0.1 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| ≥ 100 | 0.1 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| ≥ 0 | 0.1 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |

TOTAL NUMBER OF OBSERVATIONS

137

DATA PROCESSING DIVISION

USAF ETAC

AIR WEATHER SERVICE/PAO

03433

03433

STATION

FORT HOOD TEXAS/FORT HOOD AAF

FORT HOOD TEXAS/FORT HOOD AAF

STATION NAME

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)21-1-75
HOURS (EST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|-------|------|--------|------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ 5/8 | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING ≥ 20000 | 63.5 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 |
| 18000 | 63.5 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 |
| 16000 | 63.5 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 |
| 14000 | 63.5 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 |
| 12000 | 63.5 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 |
| 10000 | 63.5 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 |
| 9000 | 63.5 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 |
| 8000 | 63.5 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 |
| 7000 | 63.5 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 |
| 5000 | 63.5 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 |
| 4000 | 63.5 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 |
| 3500 | 63.5 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 |
| 3000 | 63.5 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 |
| 2500 | 63.5 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 |
| 2000 | 63.5 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 |
| 1800 | 63.5 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 |
| 1500 | 63.5 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 |
| 1200 | 63.5 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 |
| 1000 | 63.5 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 |
| 900 | 63.5 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 |
| 800 | 63.5 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 |
| 700 | 63.5 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 |
| 600 | 63.5 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 |
| 500 | 63.5 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 |
| 400 | 63.5 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 |
| 300 | 63.5 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 |
| 200 | 63.5 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 |
| 100 | 63.5 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 |
| 0 | 63.5 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 |

TOTAL NUMBER OF OBSERVATIONS

930

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03933
STATION

FORT HOOD TEXAS/FORT HOOD AAF
STATION NAME

61-70
YEARS

J N
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ¾ | ¾ | ¾ | ¾ | ≥5/16 | ≥0 |
| NO CEILING | 67.6 | 70.3 | 70.8 | 71.0 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 |
| ≥ 20000 | 74.1 | 77.0 | 77.4 | 77.7 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 |
| ≥ 18000 | 74.1 | 77.0 | 77.4 | 77.7 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 |
| ≥ 16000 | 74.1 | 77.0 | 77.4 | 77.7 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 |
| ≥ 14000 | 74.2 | 77.1 | 77.6 | 77.8 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 |
| ≥ 12000 | 74.9 | 77.8 | 78.2 | 78.4 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 |
| ≥ 10000 | 75.8 | 78.7 | 79.1 | 79.3 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 |
| ≥ 9000 | 76.1 | 79.0 | 79.4 | 79.7 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 |
| ≥ 8000 | 76.8 | 79.8 | 80.2 | 80.4 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 |
| ≥ 7000 | 76.9 | 79.9 | 80.3 | 80.7 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 |
| ≥ 6000 | 77.1 | 80.2 | 80.8 | 81.1 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 |
| ≥ 5000 | 77.3 | 80.7 | 81.1 | 81.4 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 |
| ≥ 4500 | 77.7 | 81.1 | 81.6 | 81.9 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 |
| ≥ 4000 | 78.3 | 81.9 | 82.3 | 82.7 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 |
| ≥ 3500 | 79.0 | 82.6 | 83.0 | 83.3 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 |
| ≥ 3000 | 79.6 | 83.2 | 83.7 | 84.0 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 |
| ≥ 2500 | 79.8 | 83.6 | 84.0 | 84.3 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 |
| ≥ 2000 | 80.9 | 84.7 | 85.1 | 85.4 | 85.7 | 85.7 | 85.7 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 |
| ≥ 1800 | 82.2 | 86.2 | 86.7 | 87.0 | 87.2 | 87.2 | 87.2 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 |
| ≥ 1500 | 85.6 | 90.4 | 90.9 | 91.2 | 91.4 | 91.4 | 91.4 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 |
| ≥ 1200 | 87.7 | 93.3 | 94.0 | 94.4 | 94.7 | 94.7 | 94.7 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| ≥ 1000 | 88.3 | 94.1 | 94.8 | 95.2 | 95.6 | 95.6 | 95.6 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 |
| ≥ 900 | 89.1 | 94.7 | 95.3 | 95.8 | 96.1 | 96.1 | 96.1 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| ≥ 800 | 89.1 | 95.3 | 96.1 | 96.6 | 96.9 | 96.9 | 96.9 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| ≥ 700 | 89.3 | 95.7 | 96.4 | 97.0 | 97.3 | 97.3 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 600 | 89.7 | 96.0 | 96.9 | 97.4 | 97.8 | 97.8 | 97.8 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| ≥ 500 | 90.0 | 96.8 | 97.7 | 98.2 | 98.6 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 400 | 90.1 | 96.9 | 97.8 | 98.3 | 98.8 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 |
| ≥ 300 | 90.1 | 97.0 | 98.0 | 98.7 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 |
| ≥ 200 | 90.1 | 97.0 | 98.1 | 98.8 | 99.4 | 99.4 | 99.4 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 |
| ≥ 100 | 90.1 | 97.0 | 98.1 | 98.8 | 99.4 | 99.4 | 99.4 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 |
| ≥ 0 | 90.1 | 97.0 | 98.1 | 98.8 | 99.4 | 99.4 | 99.4 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03933
STATION

FORT HOOD TEXAS/FORT HOOD AAF
STATION NAME

61-70
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ¾ | ¾ | ¾ | ¾ | ≥5/16 | ≥¼ |
| NO CEILING | 51.2 | 57.6 | 58.6 | 59.0 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.4 | 59.4 |
| ≥ 20000 | 56.7 | 63.3 | 64.3 | 64.8 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.2 | 65.2 |
| ≥ 18000 | 56.7 | 63.3 | 64.3 | 64.8 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.2 | 65.2 |
| ≥ 16000 | 56.7 | 63.3 | 64.3 | 64.8 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.2 | 65.2 |
| ≥ 14000 | 56.9 | 63.6 | 64.6 | 65.0 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.4 | 65.4 |
| ≥ 12000 | 58.2 | 65.0 | 66.1 | 66.6 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 67.0 | 67.0 |
| ≥ 10000 | 58.8 | 65.7 | 66.8 | 67.2 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.7 | 67.7 |
| ≥ 9000 | 59.4 | 66.3 | 67.6 | 68.0 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.4 | 68.4 |
| ≥ 8000 | 60.6 | 67.4 | 68.7 | 69.1 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.6 | 69.6 |
| ≥ 7000 | 61.2 | 68.2 | 69.4 | 69.9 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.3 | 70.3 |
| ≥ 6000 | 61.4 | 68.4 | 69.7 | 70.1 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.6 | 70.6 |
| ≥ 5000 | 61.9 | 68.9 | 70.1 | 70.6 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 71.0 | 71.0 |
| ≥ 4500 | 62.3 | 69.6 | 70.8 | 71.2 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.7 | 71.7 |
| ≥ 4000 | 63.3 | 70.9 | 72.1 | 72.6 | 72.9 | 73.0 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.2 | 73.2 |
| ≥ 3500 | 63.6 | 71.3 | 72.6 | 73.0 | 73.3 | 73.4 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.7 | 73.7 |
| ≥ 3000 | 63.9 | 71.8 | 73.0 | 73.4 | 73.8 | 74.0 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.2 | 74.2 |
| ≥ 2500 | 65.0 | 72.9 | 74.2 | 74.7 | 75.0 | 75.2 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.4 | 75.4 |
| ≥ 2000 | 67.6 | 75.9 | 77.2 | 77.8 | 78.2 | 78.4 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.7 | 78.7 |
| ≥ 1800 | 69.6 | 78.1 | 79.4 | 80.0 | 80.4 | 80.7 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.9 | 80.9 |
| ≥ 1500 | 73.0 | 82.3 | 83.7 | 84.2 | 84.7 | 84.9 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.1 | 85.1 |
| ≥ 1200 | 77.1 | 87.6 | 89.0 | 89.7 | 90.1 | 90.3 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.6 | 90.6 |
| ≥ 1000 | 78.3 | 89.2 | 90.7 | 91.4 | 92.1 | 92.4 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.7 | 92.7 |
| ≥ 900 | 78.7 | 89.7 | 91.3 | 92.1 | 92.8 | 93.2 | 93.3 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.7 | 93.7 |
| ≥ 800 | 79.4 | 90.7 | 92.3 | 93.1 | 93.8 | 94.3 | 94.4 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.8 | 94.8 |
| ≥ 700 | 79.8 | 91.4 | 93.1 | 93.9 | 94.6 | 95.1 | 95.2 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.6 | 95.6 |
| ≥ 600 | 80.2 | 91.9 | 93.6 | 94.3 | 95.0 | 95.6 | 95.7 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 96.0 | 96.0 |
| ≥ 500 | 80.6 | 92.8 | 94.7 | 95.4 | 96.2 | 96.9 | 97.3 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.7 | 97.7 |
| ≥ 400 | 80.6 | 93.3 | 95.2 | 96.2 | 97.2 | 98.0 | 98.4 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.8 | 98.8 |
| ≥ 300 | 80.6 | 93.4 | 95.4 | 96.6 | 97.7 | 98.4 | 98.9 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 |
| ≥ 200 | 80.6 | 93.4 | 95.4 | 96.7 | 97.8 | 98.6 | 99.1 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 |
| ≥ 100 | 80.6 | 93.4 | 95.4 | 96.7 | 97.8 | 98.6 | 99.1 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.9 | 99.9 |
| ≥ 0 | 80.6 | 93.4 | 95.4 | 96.7 | 97.8 | 98.6 | 99.1 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

03933
STATION

FORT HOOD TEXAS/FORT HOOD AAF
STATION NAME

61-70
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0300
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 46.1 | 44.6 | 46.4 | 46.7 | 46.9 | 47.2 | 47.2 | 47.2 | 47.2 | 47.2 | 47.2 | 47.2 | 47.2 | 47.3 | 47.3 | 47.6 |
| ≥ 20000 | 40.7 | 49.7 | 51.7 | 52.0 | 52.2 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.7 | 52.7 | 52.9 |
| ≥ 18000 | 40.7 | 49.7 | 51.7 | 52.0 | 52.2 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.7 | 52.7 | 52.9 |
| ≥ 16000 | 40.7 | 49.7 | 51.7 | 52.0 | 52.2 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.7 | 52.7 | 52.9 |
| ≥ 14000 | 40.8 | 49.8 | 51.8 | 52.1 | 52.3 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.8 | 52.8 | 53.0 |
| ≥ 12000 | 42.4 | 51.6 | 53.6 | 54.2 | 54.4 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.9 | 54.9 | 55.1 |
| ≥ 10000 | 43.7 | 53.6 | 55.8 | 56.4 | 56.7 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.1 | 57.1 | 57.3 |
| ≥ 9000 | 44.7 | 54.6 | 56.8 | 57.4 | 57.7 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.1 | 58.1 | 58.3 |
| ≥ 8000 | 46.4 | 57.0 | 59.4 | 60.3 | 60.6 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 61.0 | 61.0 | 61.2 |
| ≥ 7000 | 46.9 | 57.7 | 60.1 | 61.0 | 61.2 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.7 | 61.7 | 61.9 |
| ≥ 6000 | 47.3 | 58.2 | 60.7 | 61.6 | 61.8 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.2 | 62.2 | 62.4 |
| ≥ 5000 | 48.0 | 59.1 | 61.6 | 62.6 | 62.8 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.2 | 63.2 | 63.4 |
| ≥ 4500 | 48.1 | 59.4 | 61.9 | 62.9 | 63.1 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.6 | 63.6 | 63.8 |
| ≥ 4000 | 48.0 | 60.1 | 62.6 | 63.7 | 63.9 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.3 | 64.3 | 64.6 |
| ≥ 3500 | 49.2 | 60.7 | 63.1 | 64.3 | 64.6 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 65.0 | 65.0 | 65.2 |
| ≥ 3000 | 50.0 | 62.0 | 64.6 | 65.8 | 66.0 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.4 | 66.4 | 66.7 |
| ≥ 2500 | 50.9 | 63.8 | 66.4 | 67.7 | 67.9 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.3 | 68.3 | 68.6 |
| ≥ 2000 | 54.0 | 67.8 | 70.4 | 71.9 | 72.1 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.6 | 72.6 | 72.8 |
| ≥ 1800 | 56.4 | 70.6 | 73.3 | 74.8 | 75.0 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.4 | 75.4 | 75.7 |
| ≥ 1500 | 60.6 | 75.2 | 78.1 | 79.6 | 79.9 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.4 | 80.4 | 80.7 |
| ≥ 1200 | 65.8 | 82.6 | 85.4 | 87.0 | 87.4 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 88.0 | 88.0 | 88.2 |
| ≥ 1000 | 66.9 | 84.3 | 87.2 | 88.9 | 89.3 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.9 | 89.9 | 90.1 |
| ≥ 900 | 67.2 | 84.8 | 87.9 | 89.6 | 90.0 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.6 | 90.6 | 90.8 |
| ≥ 800 | 68.4 | 86.2 | 89.3 | 91.0 | 91.7 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.3 | 92.3 | 92.6 |
| ≥ 700 | 68.6 | 86.6 | 89.8 | 91.6 | 92.2 | 92.9 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.1 | 93.1 | 93.3 |
| ≥ 600 | 68.8 | 87.4 | 90.8 | 92.6 | 93.3 | 94.0 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.2 | 94.2 | 94.4 |
| ≥ 500 | 68.9 | 88.0 | 91.8 | 93.8 | 94.8 | 95.4 | 95.6 | 95.6 | 95.7 | 95.8 | 95.8 | 95.8 | 95.8 | 95.9 | 95.9 | 96.1 |
| ≥ 400 | 68.9 | 88.2 | 92.3 | 94.8 | 95.9 | 96.6 | 96.9 | 96.9 | 97.0 | 97.1 | 97.2 | 97.2 | 97.2 | 97.3 | 97.3 | 97.6 |
| ≥ 300 | 69.0 | 88.4 | 92.7 | 95.2 | 96.7 | 97.6 | 97.9 | 97.9 | 98.0 | 98.1 | 98.2 | 98.2 | 98.3 | 98.4 | 98.4 | 98.7 |
| ≥ 200 | 69.0 | 88.4 | 92.7 | 95.4 | 96.9 | 97.8 | 98.1 | 98.2 | 98.3 | 98.6 | 98.8 | 98.8 | 99.0 | 99.1 | 99.1 | 99.3 |
| ≥ 100 | 69.0 | 88.4 | 92.7 | 95.4 | 96.9 | 97.8 | 98.1 | 98.3 | 98.4 | 98.7 | 99.1 | 99.1 | 99.3 | 99.7 | 99.8 | 100.0 |
| ≥ 0 | 69.0 | 88.4 | 92.7 | 95.4 | 96.9 | 97.8 | 98.1 | 98.3 | 98.4 | 98.7 | 99.1 | 99.1 | 99.3 | 99.7 | 99.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03933
STATION

FORT HOOD TEXAS/FORT HOOD AAF
STATION NAME

61-70
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 45.7 | 49.4 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 |
| ≥ 20000 | 52.2 | 57.9 | 58.3 | 56.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 59.1 |
| ≥ 18000 | 53.2 | 57.9 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 59.1 |
| ≥ 16000 | 53.2 | 57.9 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 59.1 |
| ≥ 14000 | 53.4 | 58.1 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 |
| ≥ 12000 | 54.2 | 58.9 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 |
| ≥ 10000 | 55.9 | 61.0 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 |
| ≥ 9000 | 57.2 | 62.6 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 |
| ≥ 8000 | 58.1 | 63.8 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 |
| ≥ 7000 | 58.6 | 64.2 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 |
| ≥ 6000 | 59.4 | 65.1 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 |
| ≥ 5000 | 59.8 | 65.7 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 |
| ≥ 4500 | 59.8 | 65.9 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 |
| ≥ 4000 | 60.8 | 67.3 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 |
| ≥ 3500 | 61.3 | 68.0 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 |
| ≥ 3000 | 63.6 | 70.2 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 |
| ≥ 2500 | 69.4 | 76.3 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 |
| ≥ 2000 | 75.7 | 83.2 | 84.0 | 84.0 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 |
| ≥ 1800 | 78.6 | 86.3 | 87.2 | 87.2 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 |
| ≥ 1500 | 82.0 | 90.4 | 91.4 | 91.4 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 |
| ≥ 1200 | 85.7 | 94.2 | 95.2 | 95.2 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| ≥ 1000 | 86.7 | 95.4 | 96.4 | 96.7 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 900 | 87.0 | 95.9 | 96.9 | 97.1 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| ≥ 800 | 87.3 | 96.2 | 97.2 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| ≥ 700 | 87.4 | 96.8 | 98.0 | 98.4 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 600 | 87.6 | 96.9 | 98.1 | 98.6 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 500 | 87.3 | 97.4 | 98.8 | 99.2 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 400 | 87.8 | 97.4 | 98.9 | 99.3 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 300 | 87.8 | 97.4 | 98.9 | 99.3 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 200 | 87.8 | 97.4 | 98.9 | 99.3 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 100 | 87.8 | 97.4 | 98.9 | 99.3 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 0 | 87.8 | 97.4 | 98.9 | 99.3 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAF

CEILING VERSUS VISIBILITY

03933
STATION

FORT HOOD TEXAS/FORT HOOD AAF
STATION NAME

61-70
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ¾ | ¾ | ¾ | ¾ | 1.5/10 | ≥1 |
| NO CEILING | 47.7 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 |
| ≥ 20000 | 59.4 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 |
| ≥ 18000 | 59.4 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 |
| ≥ 16000 | 59.4 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 |
| ≥ 14000 | 59.7 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 |
| ≥ 12000 | 61.4 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 |
| ≥ 10000 | 63.4 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 |
| ≥ 9000 | 64.1 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 |
| ≥ 8000 | 64.7 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 |
| ≥ 7000 | 65.3 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 |
| ≥ 6000 | 66.2 | 69.8 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 |
| ≥ 5000 | 67.3 | 71.0 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 |
| ≥ 4500 | 69.0 | 72.7 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 |
| ≥ 4000 | 72.7 | 76.6 | 76.7 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 |
| ≥ 3500 | 77.9 | 81.9 | 82.0 | 82.1 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 |
| ≥ 3000 | 84.4 | 88.7 | 88.8 | 88.9 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 |
| ≥ 2500 | 89.8 | 94.1 | 94.3 | 94.4 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| ≥ 2000 | 90.9 | 95.7 | 95.9 | 96.0 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 1800 | 91.6 | 96.4 | 96.8 | 96.9 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| ≥ 1500 | 92.1 | 97.1 | 97.4 | 97.7 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| ≥ 1200 | 92.3 | 97.8 | 98.2 | 98.4 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 1000 | 93.0 | 98.0 | 98.4 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 900 | 93.0 | 98.0 | 98.4 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 800 | 93.0 | 98.0 | 98.4 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 700 | 93.0 | 98.1 | 98.6 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 600 | 93.0 | 98.1 | 98.7 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 500 | 93.2 | 98.6 | 99.2 | 99.4 | 99.6 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 400 | 93.2 | 98.6 | 99.4 | 99.7 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 93.2 | 98.6 | 99.4 | 99.7 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 93.2 | 98.6 | 99.4 | 99.7 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 93.2 | 98.6 | 99.4 | 99.7 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 93.2 | 98.6 | 99.4 | 99.7 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03933
STATION

FORT HOOD TEXAS/FORT HOOD AAF
STATION NAME

61-70
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥⅓ | ≥0 |
| NO CEILING | 57.9 | 60.3 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 |
| ≥ 20000 | 69.7 | 72.2 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 |
| ≥ 18000 | 69.7 | 72.2 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 |
| ≥ 16000 | 69.7 | 72.2 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 |
| ≥ 14000 | 70.2 | 72.6 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 |
| ≥ 12000 | 72.3 | 74.9 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 |
| ≥ 10000 | 74.6 | 77.2 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 |
| ≥ 9000 | 74.9 | 77.6 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| ≥ 8000 | 76.4 | 79.3 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 |
| ≥ 7000 | 76.7 | 79.6 | 79.7 | 79.7 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 |
| ≥ 6000 | 77.1 | 80.0 | 80.1 | 80.1 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 |
| ≥ 5000 | 79.4 | 82.6 | 82.7 | 82.7 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 |
| ≥ 4500 | 82.3 | 85.6 | 85.7 | 85.7 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 |
| ≥ 4000 | 86.1 | 89.8 | 89.9 | 90.0 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 |
| ≥ 3500 | 89.8 | 93.4 | 93.6 | 93.7 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 |
| ≥ 3000 | 91.8 | 95.6 | 95.7 | 95.8 | 95.9 | 95.9 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 2500 | 93.1 | 96.9 | 97.0 | 97.1 | 97.2 | 97.2 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 2000 | 93.2 | 97.1 | 97.2 | 97.3 | 97.4 | 97.4 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| ≥ 1800 | 93.4 | 97.3 | 97.4 | 97.6 | 97.7 | 97.7 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| ≥ 1500 | 93.6 | 97.4 | 97.6 | 97.7 | 97.8 | 97.8 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 1200 | 93.7 | 97.9 | 98.0 | 98.1 | 98.2 | 98.2 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 1000 | 93.7 | 97.9 | 98.0 | 98.1 | 98.2 | 98.2 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 900 | 93.7 | 97.9 | 98.0 | 98.1 | 98.2 | 98.2 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 800 | 93.8 | 98.0 | 98.1 | 98.2 | 98.3 | 98.3 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 700 | 94.0 | 98.2 | 98.3 | 98.4 | 98.6 | 98.6 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 600 | 94.1 | 98.3 | 98.4 | 98.6 | 98.7 | 98.7 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 500 | 94.2 | 98.7 | 98.8 | 98.9 | 99.0 | 99.0 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 400 | 94.6 | 99.0 | 99.1 | 99.2 | 99.4 | 99.4 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 300 | 94.6 | 99.0 | 99.1 | 99.2 | 99.4 | 99.4 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 200 | 94.6 | 99.0 | 99.1 | 99.2 | 99.4 | 99.4 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 100 | 94.6 | 99.0 | 99.1 | 99.2 | 99.4 | 99.4 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 0 | 94.6 | 99.0 | 99.1 | 99.2 | 99.4 | 99.4 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03933
STATION

FORT HOOD TEXAS/FORT HOOD AAF
STATION NAME

61-70
YEARS

J 114
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2400
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1 | ≥.5 | ≥.3 | ≥.25 | ≥.2 | ≥.15 | ≥.1 | ≥0 |
| NO CEILING | 68.8 | 70.9 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 |
| ≥ 20000 | 81.0 | 83.4 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 |
| ≥ 18000 | 61.0 | 83.4 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 |
| ≥ 16000 | 61.0 | 83.4 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 |
| ≥ 14000 | 81.4 | 83.9 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 |
| ≥ 12000 | 81.9 | 84.3 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 |
| ≥ 10000 | 85.7 | 88.4 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 |
| ≥ 9000 | 86.1 | 88.9 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 |
| ≥ 8000 | 87.2 | 90.1 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 |
| ≥ 7000 | 88.2 | 91.2 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 |
| ≥ 6000 | 58.4 | 91.4 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 |
| ≥ 5000 | 89.1 | 92.2 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| ≥ 4500 | 89.6 | 92.7 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 |
| ≥ 4000 | 90.4 | 93.7 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |
| ≥ 3500 | 91.3 | 94.7 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| ≥ 3000 | 91.8 | 95.3 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 |
| ≥ 2500 | 92.0 | 95.9 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| ≥ 2000 | 92.2 | 96.1 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| ≥ 1800 | 92.3 | 96.2 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| ≥ 1500 | 92.9 | 96.8 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| ≥ 1200 | 92.9 | 96.8 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| ≥ 1000 | 93.0 | 96.9 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| ≥ 900 | 93.0 | 96.9 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| ≥ 800 | 93.1 | 97.0 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| ≥ 700 | 93.2 | 97.3 | 98.1 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 600 | 93.7 | 98.0 | 98.8 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 500 | 93.7 | 98.2 | 99.0 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 400 | 93.8 | 98.3 | 99.1 | 99.3 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 300 | 93.8 | 98.3 | 99.1 | 99.3 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 200 | 93.8 | 98.3 | 99.1 | 99.3 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 100 | 93.8 | 98.3 | 99.1 | 99.3 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 0 | 93.8 | 98.3 | 99.1 | 99.3 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03933
STATION

FORT HOOD TEXAS/FORT HOOD AAF
STATION NAME

61-70
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ 1/8 | ≥ 0 |
| NO CEILING | 76.6 | 78.8 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 |
| ≥ 20000 | 83.2 | 85.4 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 |
| ≥ 18000 | 83.2 | 85.4 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 |
| ≥ 16000 | 83.2 | 85.4 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 |
| ≥ 14000 | 83.6 | 85.8 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 |
| ≥ 12000 | 84.0 | 86.2 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 |
| ≥ 10000 | 86.8 | 89.2 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 |
| ≥ 9000 | 87.6 | 90.0 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 |
| ≥ 8000 | 88.1 | 90.8 | 91.1 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 |
| ≥ 7000 | 88.6 | 91.3 | 91.7 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 |
| ≥ 6000 | 88.7 | 91.8 | 92.1 | 92.2 | 92.2 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| ≥ 5000 | 89.3 | 92.4 | 92.8 | 93.0 | 93.0 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 |
| ≥ 4500 | 89.3 | 92.6 | 92.9 | 93.1 | 93.1 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| ≥ 4000 | 89.9 | 93.1 | 93.4 | 93.8 | 93.8 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 |
| ≥ 3500 | 90.1 | 93.3 | 93.7 | 94.0 | 94.0 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |
| ≥ 3000 | 90.7 | 94.1 | 94.4 | 94.8 | 94.8 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 |
| ≥ 2500 | 91.0 | 94.4 | 94.8 | 95.1 | 95.1 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 |
| ≥ 2000 | 91.6 | 95.1 | 95.4 | 95.8 | 95.8 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 |
| ≥ 1800 | 91.8 | 95.3 | 95.7 | 96.1 | 96.1 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| ≥ 1500 | 92.7 | 96.2 | 96.6 | 97.0 | 97.0 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| ≥ 1200 | 92.8 | 96.4 | 96.8 | 97.2 | 97.2 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| ≥ 1000 | 93.1 | 96.8 | 97.1 | 97.6 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| ≥ 900 | 93.1 | 97.0 | 97.4 | 97.9 | 97.9 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 800 | 93.2 | 97.3 | 97.8 | 98.2 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 700 | 93.6 | 97.8 | 98.3 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 600 | 93.7 | 97.9 | 98.4 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 500 | 93.7 | 98.3 | 98.9 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 400 | 93.8 | 98.4 | 99.1 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 300 | 93.9 | 98.6 | 99.2 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 200 | 93.9 | 98.6 | 99.2 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 93.9 | 98.6 | 99.2 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 93.9 | 98.6 | 99.2 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

03933
STATION

FORT HOOD TEXAS/FORT HOOD AAF
STATION NAME

61-69
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0700
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ¾ | ¾ | ¾ | ¾ | ≥5/16 | ≥0 |
| NO CEILING | 86.7 | 87.7 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 |
| ≥ 20000 | 91.0 | 92.0 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 |
| ≥ 18000 | 91.0 | 92.0 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 |
| ≥ 16000 | 91.0 | 92.0 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 |
| ≥ 14000 | 91.8 | 92.7 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| ≥ 12000 | 91.9 | 93.0 | 93.4 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 |
| ≥ 10000 | 93.1 | 94.1 | 94.6 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| ≥ 9000 | 93.5 | 94.6 | 95.1 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 |
| ≥ 8000 | 93.5 | 94.6 | 95.1 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 |
| ≥ 7000 | 93.8 | 94.9 | 95.3 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| ≥ 6000 | 93.8 | 94.9 | 95.5 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 |
| ≥ 5000 | 94.0 | 95.1 | 95.8 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 |
| ≥ 4500 | 94.0 | 95.1 | 95.8 | 95.9 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 4000 | 94.0 | 95.1 | 95.8 | 95.9 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 3500 | 94.1 | 95.2 | 95.9 | 96.1 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| ≥ 3000 | 94.1 | 95.3 | 96.1 | 96.2 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 |
| ≥ 2500 | 94.1 | 95.3 | 96.1 | 96.2 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 |
| ≥ 2000 | 94.6 | 95.8 | 96.5 | 96.7 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| ≥ 1800 | 95.0 | 96.2 | 96.9 | 97.0 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 1500 | 95.2 | 96.5 | 97.3 | 97.4 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| ≥ 1200 | 95.9 | 97.4 | 98.1 | 98.2 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 1000 | 96.3 | 97.8 | 98.6 | 98.7 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 900 | 96.7 | 98.3 | 99.0 | 99.2 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 800 | 96.7 | 98.3 | 99.0 | 99.2 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 700 | 96.7 | 98.4 | 99.3 | 99.4 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 600 | 96.7 | 98.4 | 99.3 | 99.4 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 500 | 96.7 | 98.4 | 99.4 | 99.5 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 400 | 96.7 | 98.4 | 99.4 | 99.5 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 300 | 96.7 | 98.6 | 99.5 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 96.7 | 98.6 | 99.5 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 96.7 | 98.6 | 99.5 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 96.7 | 98.6 | 99.5 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 837

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03933
STATION

FORT HOOD TEXAS/FORT HOOD AAF
STATION NAME

61-69
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 81.2 | 82.6 | 83.5 | 83.6 | 83.6 | 83.6 | 83.6 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 |
| ≥ 20000 | 84.6 | 85.9 | 86.9 | 87.0 | 87.0 | 87.0 | 87.0 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 |
| ≥ 18000 | 84.6 | 85.9 | 86.9 | 87.0 | 87.0 | 87.0 | 87.0 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 |
| ≥ 16000 | 84.6 | 85.9 | 86.9 | 87.0 | 87.0 | 87.0 | 87.0 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 |
| ≥ 14000 | 84.8 | 86.1 | 87.1 | 87.2 | 87.2 | 87.2 | 87.2 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 |
| ≥ 12000 | 85.8 | 87.1 | 88.1 | 88.2 | 88.2 | 88.2 | 88.2 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 |
| ≥ 10000 | 87.2 | 88.8 | 89.7 | 89.8 | 89.8 | 89.8 | 89.8 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| ≥ 9000 | 88.2 | 89.7 | 90.7 | 90.8 | 90.8 | 90.8 | 90.8 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 |
| ≥ 8000 | 88.9 | 90.6 | 91.5 | 91.6 | 91.6 | 91.6 | 91.6 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 |
| ≥ 7000 | 89.1 | 90.8 | 91.8 | 91.9 | 91.9 | 91.9 | 91.9 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 |
| ≥ 6000 | 89.5 | 91.2 | 92.1 | 92.2 | 92.2 | 92.2 | 92.2 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 |
| ≥ 5000 | 89.7 | 91.4 | 92.5 | 92.6 | 92.6 | 92.6 | 92.6 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| ≥ 4500 | 89.7 | 91.4 | 92.5 | 92.6 | 92.6 | 92.6 | 92.6 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| ≥ 4000 | 89.7 | 91.5 | 92.6 | 92.7 | 92.7 | 92.7 | 92.7 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 |
| ≥ 3500 | 90.6 | 92.4 | 93.4 | 93.5 | 93.5 | 93.5 | 93.5 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 |
| ≥ 3000 | 90.8 | 92.6 | 93.7 | 93.8 | 93.8 | 93.8 | 93.8 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 |
| ≥ 2500 | 91.0 | 92.8 | 93.9 | 94.0 | 94.0 | 94.0 | 94.0 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |
| ≥ 2000 | 91.4 | 93.2 | 94.3 | 94.4 | 94.4 | 94.4 | 94.4 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 |
| ≥ 1800 | 92.0 | 93.8 | 94.9 | 95.1 | 95.1 | 95.1 | 95.1 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 |
| ≥ 1500 | 92.8 | 94.6 | 95.7 | 96.1 | 96.1 | 96.1 | 96.1 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| ≥ 1200 | 94.0 | 95.9 | 97.0 | 97.5 | 97.8 | 97.8 | 97.8 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 1000 | 94.6 | 96.5 | 97.6 | 98.1 | 98.4 | 98.4 | 98.4 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 900 | 94.9 | 96.8 | 97.8 | 98.3 | 98.7 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 800 | 95.0 | 96.9 | 98.1 | 98.6 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 700 | 95.1 | 97.1 | 98.3 | 98.8 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 600 | 95.1 | 97.1 | 98.3 | 98.8 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 500 | 95.2 | 97.3 | 98.4 | 98.9 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 400 | 95.2 | 97.4 | 98.9 | 99.4 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 300 | 95.2 | 97.4 | 98.9 | 99.4 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 200 | 95.2 | 97.4 | 98.9 | 99.4 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 100 | 95.2 | 97.4 | 98.9 | 99.4 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 95.2 | 97.4 | 98.9 | 99.4 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 837

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03933
STATION

FORT HOOD TEXAS/FORT HOOD AAF
STATION NAME

61-69
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ¾ | ¾ | ¾ | ≥5/16 | ¾ | ≥0 |
| NO CEILING | 67.7 | 72.2 | 72.6 | 73.2 | 73.2 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 |
| ≥ 20000 | 73.0 | 77.8 | 78.4 | 79.0 | 79.1 | 79.2 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 77.3 |
| ≥ 18000 | 73.0 | 77.8 | 78.4 | 79.0 | 79.1 | 79.2 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 77.3 |
| ≥ 16000 | 73.0 | 77.8 | 78.4 | 79.0 | 79.1 | 79.2 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 77.3 |
| ≥ 14000 | 73.1 | 77.9 | 78.5 | 79.1 | 79.2 | 79.3 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 |
| ≥ 12000 | 74.7 | 79.9 | 80.5 | 81.1 | 81.2 | 81.4 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 |
| ≥ 10000 | 78.5 | 84.2 | 84.8 | 85.4 | 85.5 | 85.7 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 84.8 |
| ≥ 9000 | 79.2 | 85.1 | 85.7 | 86.3 | 86.4 | 86.6 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| ≥ 8000 | 80.0 | 86.0 | 86.9 | 87.6 | 87.7 | 87.9 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 |
| ≥ 7000 | 80.5 | 86.6 | 87.5 | 88.2 | 88.3 | 88.5 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 |
| ≥ 6000 | 80.5 | 86.7 | 87.6 | 88.3 | 88.4 | 88.6 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 |
| ≥ 5000 | 80.5 | 86.7 | 87.6 | 88.3 | 88.4 | 88.6 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 |
| ≥ 4500 | 81.0 | 87.2 | 88.1 | 88.8 | 88.9 | 89.1 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 |
| ≥ 4000 | 81.1 | 87.3 | 88.3 | 89.0 | 89.1 | 89.4 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 |
| ≥ 3500 | 81.1 | 87.3 | 88.3 | 89.0 | 89.1 | 89.4 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 |
| ≥ 3000 | 81.4 | 87.7 | 88.6 | 89.4 | 89.5 | 89.7 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 |
| ≥ 2500 | 82.1 | 88.4 | 89.5 | 90.2 | 90.3 | 90.6 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 |
| ≥ 2000 | 82.4 | 88.9 | 90.0 | 90.7 | 90.9 | 91.2 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 |
| ≥ 1800 | 83.3 | 89.7 | 90.8 | 91.5 | 91.8 | 92.0 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 |
| ≥ 1500 | 83.6 | 90.1 | 91.2 | 91.9 | 92.2 | 92.5 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 |
| ≥ 1200 | 85.2 | 92.0 | 93.1 | 93.8 | 94.1 | 94.4 | 94.5 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| ≥ 1000 | 85.8 | 93.1 | 94.1 | 95.0 | 95.3 | 95.6 | 95.7 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| ≥ 900 | 86.1 | 93.7 | 94.7 | 95.6 | 95.9 | 96.2 | 96.3 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 |
| ≥ 800 | 86.6 | 94.3 | 95.3 | 96.2 | 96.5 | 96.8 | 96.9 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| ≥ 700 | 87.0 | 94.6 | 95.8 | 96.7 | 97.0 | 97.3 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| ≥ 600 | 87.2 | 94.9 | 96.4 | 97.3 | 97.6 | 97.8 | 98.1 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 97.3 |
| ≥ 500 | 87.3 | 95.1 | 96.8 | 97.6 | 98.1 | 98.3 | 98.6 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 400 | 87.5 | 95.2 | 97.1 | 98.1 | 98.6 | 98.9 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 300 | 87.5 | 95.3 | 97.3 | 98.3 | 98.8 | 99.2 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 200 | 87.5 | 95.3 | 97.3 | 98.3 | 98.8 | 99.2 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 100 | 87.5 | 95.3 | 97.3 | 98.3 | 98.8 | 99.2 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 0 | 87.5 | 95.3 | 97.3 | 98.3 | 98.8 | 99.2 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 837

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

03933
STATION

FORT HOOD TEXAS/FORT HOOD AAF
STATION NAME

61-69
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ¾ | ¾ | ¾ | ≥5/16 | ¾ | ≥0 |
| NO CEILING | 68.1 | 70.0 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 |
| ≥ 20000 | 75.5 | 77.4 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 |
| ≥ 18000 | 75.5 | 77.4 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 |
| ≥ 16000 | 75.5 | 77.4 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 |
| ≥ 14000 | 75.5 | 77.4 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 |
| ≥ 12000 | 78.5 | 80.4 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 |
| ≥ 10000 | 82.0 | 83.9 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 |
| ≥ 9000 | 83.0 | 85.1 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 |
| ≥ 8000 | 84.6 | 86.7 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 |
| ≥ 7000 | 85.3 | 87.6 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 |
| ≥ 6000 | 85.3 | 87.6 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 |
| ≥ 5000 | 85.4 | 87.7 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 |
| ≥ 4500 | 85.7 | 87.9 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 |
| ≥ 4000 | 85.7 | 87.9 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 |
| ≥ 3500 | 85.9 | 88.2 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 |
| ≥ 3000 | 86.7 | 89.0 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 |
| ≥ 2500 | 89.0 | 91.5 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 |
| ≥ 2000 | 90.8 | 93.4 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 |
| ≥ 1800 | 92.7 | 95.3 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 |
| ≥ 1500 | 94.0 | 96.9 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| ≥ 1200 | 94.5 | 97.6 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 1000 | 95.0 | 98.1 | 98.8 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 900 | 95.1 | 98.2 | 98.9 | 99.0 | 99.0 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 800 | 95.2 | 98.3 | 99.0 | 99.2 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 700 | 95.2 | 98.4 | 99.2 | 99.3 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 600 | 95.3 | 98.6 | 99.3 | 99.4 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 500 | 95.3 | 98.6 | 99.3 | 99.4 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 400 | 95.3 | 98.6 | 99.4 | 99.5 | 99.5 | 99.5 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 95.3 | 98.6 | 99.4 | 99.5 | 99.5 | 99.5 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 95.3 | 98.6 | 99.4 | 99.5 | 99.5 | 99.5 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 95.3 | 98.6 | 99.4 | 99.5 | 99.5 | 99.5 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 95.3 | 98.6 | 99.4 | 99.5 | 99.5 | 99.5 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 837

DATA PROCESSING DIVISION
USAF ET
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03933
STATION

FORT HOOD TEXAS/FORT HOOD AAF
STATION NAME

61-69
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 66.8 | 67.5 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 |
| ≥ 20000 | 76.6 | 77.5 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| ≥ 18000 | 76.6 | 77.5 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| ≥ 16000 | 76.6 | 77.5 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| ≥ 14000 | 76.9 | 77.9 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 |
| ≥ 12000 | 79.1 | 80.2 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 |
| ≥ 10000 | 81.4 | 82.4 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 |
| ≥ 9000 | 82.6 | 83.6 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 |
| ≥ 8000 | 84.1 | 85.2 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 |
| ≥ 7000 | 84.3 | 85.8 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 86.0 | 86.0 | 86.0 | 86.0 |
| ≥ 6000 | 84.3 | 85.8 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 |
| ≥ 5000 | 85.1 | 86.6 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 |
| ≥ 4500 | 85.9 | 87.5 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| ≥ 4000 | 88.2 | 90.2 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 |
| ≥ 3500 | 90.8 | 92.8 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 |
| ≥ 3000 | 93.8 | 95.9 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.3 | 96.3 | 96.3 | 96.3 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 |
| ≥ 2500 | 95.3 | 97.5 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 2000 | 96.1 | 98.6 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 1800 | 96.2 | 98.7 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 1500 | 96.4 | 98.9 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 1200 | 96.5 | 99.0 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 1000 | 96.5 | 99.0 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 900 | 96.5 | 99.0 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 800 | 96.5 | 99.0 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 700 | 96.5 | 99.0 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 600 | 96.5 | 99.0 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 500 | 96.5 | 99.2 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 400 | 96.5 | 99.2 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 300 | 96.5 | 99.2 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 200 | 96.5 | 99.2 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 100 | 96.5 | 99.2 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 0 | 96.5 | 99.2 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |

TOTAL NUMBER OF OBSERVATIONS 837

USAFETAC

FORM 0-14.5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03933
STATION

FORT HOOD TEXAS/FORT HOOD AAF
STATION NAME

61-69
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 67.7 | 68.6 | 66.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 |
| ≥20000 | 79.7 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 |
| ≥18000 | 79.7 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 |
| ≥16000 | 79.7 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 |
| ≥14000 | 80.0 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 |
| ≥12000 | 81.7 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 |
| ≥10000 | 85.3 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 |
| ≥9000 | 86.6 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 |
| ≥8000 | 88.4 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 |
| ≥7000 | 88.8 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 |
| ≥6000 | 88.9 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 |
| ≥5000 | 90.4 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| ≥4500 | 91.8 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 |
| ≥4000 | 95.2 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| ≥3500 | 96.1 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥3000 | 96.9 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥2500 | 96.9 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥2000 | 96.9 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥1800 | 96.9 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥1500 | 96.9 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥1200 | 96.9 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥1000 | 96.9 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥900 | 96.9 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥800 | 96.9 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥700 | 96.9 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥600 | 96.9 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥500 | 96.9 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥400 | 96.9 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥300 | 96.9 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥200 | 96.9 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥100 | 96.9 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥0 | 96.9 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

TOTAL NUMBER OF OBSERVATIONS 837

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03933
STATION

FORT HOOD TEXAS/FORT HOOD AAF
STATION NAME

61-69
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1600-2000
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ¾ | ¾ | ¾ | ¾ | ≥5/16 | ≥0 |
| NO CEILING | 76.6 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 |
| ≥ 20000 | 86.0 | 87.5 | 87.5 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 |
| ≥ 18000 | 86.0 | 87.5 | 87.5 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 |
| ≥ 16000 | 86.0 | 87.5 | 87.5 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 |
| ≥ 14000 | 87.0 | 88.4 | 88.4 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 |
| ≥ 12000 | 88.9 | 90.3 | 90.3 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 |
| ≥ 10000 | 92.2 | 93.7 | 93.7 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 |
| ≥ 9000 | 93.1 | 94.5 | 94.5 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| ≥ 8000 | 93.9 | 95.3 | 95.3 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| ≥ 7000 | 94.1 | 95.8 | 95.8 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 |
| ≥ 6000 | 94.5 | 96.3 | 96.3 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 |
| ≥ 5000 | 96.1 | 97.8 | 97.8 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 4500 | 96.3 | 98.1 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 4000 | 96.7 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 3500 | 96.8 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 3000 | 96.9 | 99.3 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 2500 | 96.9 | 99.3 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 2000 | 96.9 | 99.3 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 1800 | 96.9 | 99.3 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 1500 | 96.9 | 99.3 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 1200 | 96.9 | 99.3 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 1000 | 97.0 | 99.4 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 900 | 97.0 | 99.4 | 99.5 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 800 | 97.0 | 99.4 | 99.5 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 700 | 97.0 | 99.4 | 99.5 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 600 | 97.0 | 99.4 | 99.5 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 500 | 97.0 | 99.4 | 99.5 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 400 | 97.0 | 99.4 | 99.5 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 300 | 97.0 | 99.4 | 99.5 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 200 | 97.0 | 99.4 | 99.5 | 99.6 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 97.0 | 99.4 | 99.5 | 99.6 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 97.0 | 99.4 | 99.5 | 99.6 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 837

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03933
STATION

FORT HOOD TEXAS/FORT HOOD AAF
STATION NAME

61-69
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 86.6 | 88.3 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 |
| ≥ 20000 | 91.2 | 93.0 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 91.4 |
| ≥ 18000 | 91.2 | 93.0 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 |
| ≥ 16000 | 91.2 | 93.0 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 |
| ≥ 14000 | 91.8 | 93.5 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 |
| ≥ 12000 | 92.6 | 94.4 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 |
| ≥ 10000 | 94.1 | 95.9 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 |
| ≥ 9000 | 94.4 | 96.2 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| ≥ 8000 | 95.7 | 97.5 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 7000 | 95.7 | 97.5 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 6000 | 95.8 | 97.6 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 5000 | 96.3 | 98.1 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 4500 | 96.3 | 98.1 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 4000 | 96.4 | 98.2 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 3500 | 96.4 | 98.2 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 3000 | 96.4 | 98.3 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 2500 | 96.4 | 98.3 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 2000 | 96.5 | 98.4 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 1800 | 96.5 | 98.4 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 1500 | 96.5 | 98.4 | 99.0 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 1200 | 96.5 | 98.4 | 99.0 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 1000 | 96.7 | 98.6 | 99.2 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 900 | 96.8 | 98.7 | 99.3 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 800 | 96.9 | 98.8 | 99.4 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 700 | 96.9 | 98.8 | 99.5 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 600 | 96.9 | 98.8 | 99.5 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 500 | 96.9 | 98.8 | 99.5 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 400 | 96.9 | 98.8 | 99.5 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 300 | 96.9 | 98.8 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 96.9 | 98.8 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 96.9 | 98.8 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 96.9 | 98.8 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 837

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03933
STATION

FORT HOOD TEXAS/FORT HOOD AAF
STATION NAME

61-69
YEARS

1
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0700
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1½ | ≥1 | ≥1 | ≥½ | ≥½ | ≥5/16 | ≥½ | ≥0 |
| NO CEILING | 80.6 | 82.0 | 82.3 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 |
| ≥ 20000 | 83.8 | 85.1 | 85.4 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 |
| ≥ 18000 | 83.8 | 85.1 | 85.4 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 |
| ≥ 16000 | 83.8 | 85.1 | 85.4 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 |
| ≥ 14000 | 83.8 | 85.1 | 85.4 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 |
| ≥ 12000 | 86.3 | 87.6 | 87.9 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 |
| ≥ 10000 | 89.7 | 91.3 | 91.9 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 |
| ≥ 9000 | 90.6 | 92.4 | 93.0 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| ≥ 8000 | 91.9 | 93.9 | 94.5 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| ≥ 7000 | 92.2 | 94.3 | 94.9 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| ≥ 6000 | 92.5 | 94.7 | 95.3 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 |
| ≥ 5000 | 92.8 | 95.1 | 95.8 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 4500 | 93.4 | 95.7 | 96.4 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| ≥ 4000 | 94.0 | 96.3 | 97.0 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| ≥ 3500 | 94.3 | 96.7 | 97.4 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| ≥ 3000 | 94.3 | 96.7 | 97.4 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| ≥ 2500 | 95.0 | 97.4 | 98.1 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 2000 | 95.3 | 97.7 | 98.4 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 1800 | 95.3 | 97.7 | 98.4 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 1500 | 95.5 | 97.8 | 98.6 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 1200 | 95.7 | 98.2 | 98.9 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 1000 | 95.8 | 98.4 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 900 | 95.8 | 98.4 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 800 | 95.9 | 98.7 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 700 | 96.3 | 99.0 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | 96.3 | 99.0 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | 96.3 | 99.0 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 96.3 | 99.0 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 96.3 | 99.0 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 96.3 | 99.0 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 96.3 | 99.0 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 96.3 | 99.0 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 837

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03933
STATION

FORT HOOD TEXAS/FORT HOOD AAF

61-69

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 78.5 | 79.7 | 80.2 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 |
| ≥ 20000 | 82.2 | 83.4 | 83.9 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 |
| ≥ 18000 | 82.2 | 83.4 | 83.9 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 |
| ≥ 16000 | 82.2 | 83.4 | 83.9 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 |
| ≥ 14000 | 82.4 | 83.6 | 84.1 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 |
| ≥ 12000 | 84.2 | 85.4 | 85.9 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 |
| ≥ 10000 | 86.5 | 87.8 | 88.6 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 |
| ≥ 9000 | 87.6 | 88.9 | 89.7 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 |
| ≥ 8000 | 89.0 | 90.6 | 91.4 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 |
| ≥ 7000 | 89.1 | 90.7 | 91.5 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 |
| ≥ 6000 | 89.5 | 91.0 | 91.9 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| ≥ 5000 | 89.5 | 91.0 | 91.9 | 92.4 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 |
| ≥ 4500 | 89.8 | 91.4 | 92.2 | 92.7 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 |
| ≥ 4000 | 90.2 | 91.8 | 92.6 | 93.1 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| ≥ 3500 | 90.9 | 92.5 | 93.3 | 93.8 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 |
| ≥ 3000 | 91.5 | 93.1 | 93.9 | 94.4 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 |
| ≥ 2500 | 92.1 | 93.7 | 94.5 | 95.0 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| ≥ 2000 | 93.0 | 94.5 | 95.5 | 95.9 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 1800 | 93.0 | 94.5 | 95.5 | 95.9 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 1500 | 93.2 | 94.9 | 95.8 | 96.3 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 |
| ≥ 1200 | 93.5 | 95.2 | 96.2 | 96.7 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 1000 | 94.5 | 96.2 | 97.1 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| ≥ 900 | 94.7 | 96.7 | 97.6 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 800 | 95.2 | 97.3 | 98.2 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 700 | 95.2 | 97.6 | 98.7 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 600 | 95.2 | 97.8 | 98.9 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 500 | 95.2 | 97.8 | 98.9 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 400 | 95.2 | 97.8 | 98.9 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 300 | 95.2 | 97.8 | 98.9 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 200 | 95.2 | 97.8 | 98.9 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 100 | 95.2 | 97.8 | 98.9 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 0 | 95.2 | 97.8 | 98.9 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |

TOTAL NUMBER OF OBSERVATIONS 837

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03933
STATION

FORT HOOD TEXAS/FORT HOOD AAF
STATION NAME

61-69
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 61.2 | 69.7 | 70.3 | 70.8 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 |
| ≥ 20000 | 64.3 | 73.5 | 74.3 | 74.9 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 |
| ≥ 18000 | 64.3 | 73.5 | 74.3 | 74.9 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 |
| ≥ 16000 | 64.3 | 73.5 | 74.3 | 74.9 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 74.3 |
| ≥ 14000 | 64.5 | 73.7 | 74.6 | 75.1 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 |
| ≥ 12000 | 67.4 | 76.8 | 77.7 | 78.3 | 78.6 | 78.6 | 78.6 | 79.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 |
| ≥ 10000 | 71.3 | 81.0 | 81.8 | 82.4 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 |
| ≥ 9000 | 73.1 | 82.9 | 83.8 | 84.3 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 |
| ≥ 8000 | 75.4 | 85.7 | 86.7 | 87.3 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 |
| ≥ 7000 | 76.0 | 86.3 | 87.3 | 87.9 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 |
| ≥ 6000 | 76.5 | 86.7 | 87.8 | 88.4 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 |
| ≥ 5000 | 76.5 | 86.9 | 88.1 | 88.6 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 |
| ≥ 4500 | 76.8 | 87.2 | 88.4 | 89.0 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 |
| ≥ 4000 | 76.9 | 87.5 | 88.6 | 89.4 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 |
| ≥ 3500 | 77.3 | 87.8 | 89.0 | 89.7 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 |
| ≥ 3000 | 77.9 | 88.5 | 89.7 | 90.4 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 |
| ≥ 2500 | 77.9 | 88.5 | 89.7 | 90.4 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 |
| ≥ 2000 | 78.0 | 88.6 | 90.0 | 90.7 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |
| ≥ 1800 | 78.1 | 88.9 | 90.2 | 90.9 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 |
| ≥ 1500 | 78.7 | 89.5 | 90.9 | 91.6 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 |
| ≥ 1200 | 79.9 | 91.5 | 93.3 | 94.1 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 95.1 | 95.1 | 95.1 |
| ≥ 1000 | 80.6 | 92.4 | 94.1 | 95.0 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.9 | 95.9 | 95.9 |
| ≥ 900 | 80.9 | 92.6 | 94.4 | 95.2 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 96.2 | 96.2 | 96.2 |
| ≥ 800 | 81.2 | 93.3 | 95.1 | 96.1 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 97.1 | 97.1 | 97.1 |
| ≥ 700 | 81.5 | 93.8 | 95.6 | 96.5 | 97.5 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 98.0 | 98.0 | 98.0 |
| ≥ 600 | 81.5 | 94.1 | 96.1 | 97.0 | 98.1 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.6 | 98.6 | 98.6 |
| ≥ 500 | 81.6 | 94.3 | 96.2 | 97.1 | 98.2 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.9 | 98.9 | 98.9 |
| ≥ 400 | 81.6 | 94.6 | 96.7 | 97.6 | 98.7 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 |
| ≥ 300 | 81.6 | 94.6 | 96.7 | 97.6 | 98.7 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.5 | 99.6 | 99.9 | 99.9 | 99.9 |
| ≥ 200 | 81.6 | 94.6 | 96.7 | 97.6 | 98.7 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.6 | 99.8 | 99.8 | 100.0 | 100.0 |
| ≥ 100 | 81.6 | 94.6 | 96.7 | 97.6 | 98.7 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.6 | 99.8 | 99.8 | 100.0 | 100.0 |
| ≥ 0 | 81.6 | 94.6 | 96.7 | 97.6 | 98.7 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.6 | 99.8 | 99.8 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 837

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03933
STATION

FORT HOOD TEXAS/FORT HOOD AAF

61-69

YEARS

0900-1100
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 68.0 | 71.0 | 71.1 | 71.1 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 |
| ≥ 20000 | 74.9 | 78.4 | 78.5 | 78.5 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 |
| ≥ 18000 | 74.9 | 78.4 | 78.5 | 78.5 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 |
| ≥ 16000 | 74.9 | 78.4 | 78.5 | 78.5 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 |
| ≥ 14000 | 75.4 | 79.2 | 79.1 | 79.1 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 |
| ≥ 12000 | 77.1 | 81.0 | 81.1 | 81.1 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 |
| ≥ 10000 | 79.9 | 83.9 | 84.0 | 84.0 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 |
| ≥ 9000 | 81.7 | 85.9 | 86.0 | 86.0 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 |
| ≥ 8000 | 84.2 | 88.6 | 88.8 | 88.8 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 |
| ≥ 7000 | 84.5 | 89.0 | 89.1 | 89.1 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 |
| ≥ 6000 | 85.1 | 89.9 | 90.0 | 90.0 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 |
| ≥ 5000 | 85.3 | 90.1 | 90.3 | 90.3 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 |
| ≥ 4500 | 85.3 | 90.1 | 90.3 | 90.3 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 |
| ≥ 4000 | 85.5 | 90.4 | 90.7 | 90.7 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 |
| ≥ 3500 | 86.0 | 90.9 | 91.2 | 91.2 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 |
| ≥ 3000 | 86.7 | 91.6 | 91.9 | 91.9 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 |
| ≥ 2500 | 87.2 | 92.2 | 92.5 | 92.5 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 |
| ≥ 2000 | 87.6 | 92.8 | 93.1 | 93.1 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| ≥ 1800 | 88.2 | 93.4 | 93.7 | 93.7 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 |
| ≥ 1500 | 89.4 | 95.0 | 95.2 | 95.2 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| ≥ 1200 | 90.0 | 96.1 | 96.3 | 96.3 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| ≥ 1000 | 90.4 | 96.8 | 97.1 | 97.1 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 900 | 90.6 | 97.0 | 97.4 | 97.4 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| ≥ 800 | 90.6 | 97.1 | 97.6 | 97.6 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| ≥ 700 | 90.6 | 97.5 | 98.0 | 98.1 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 600 | 90.6 | 97.6 | 98.1 | 98.2 | 98.6 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 500 | 90.6 | 97.6 | 98.1 | 98.2 | 98.8 | 98.9 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 400 | 90.6 | 97.7 | 98.2 | 98.3 | 99.0 | 99.2 | 99.4 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 300 | 90.6 | 97.7 | 98.2 | 98.3 | 99.0 | 99.2 | 99.4 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 200 | 90.6 | 97.7 | 98.2 | 98.3 | 99.0 | 99.2 | 99.4 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 100 | 90.6 | 97.7 | 98.2 | 98.3 | 99.0 | 99.2 | 99.4 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 0 | 90.6 | 97.7 | 98.2 | 98.3 | 99.0 | 99.2 | 99.4 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |

TOTAL NUMBER OF OBSERVATIONS 837

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

03933
STATION

FORT HOOD TEXAS/FORT HOOD AAF
STATION NAME

61-69
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 66.5 | 67.4 | 67.5 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 |
| ≥ 20000 | 74.7 | 76.1 | 76.2 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 |
| ≥ 18000 | 74.7 | 76.1 | 76.2 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 |
| ≥ 16000 | 74.7 | 76.1 | 76.2 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 |
| ≥ 14000 | 74.9 | 76.3 | 76.5 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 |
| ≥ 12000 | 76.1 | 77.7 | 77.8 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 |
| ≥ 10000 | 78.5 | 80.3 | 80.4 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 |
| ≥ 9000 | 79.5 | 81.4 | 81.5 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 |
| ≥ 8000 | 81.0 | 82.9 | 83.0 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 |
| ≥ 7000 | 82.0 | 83.9 | 84.0 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 |
| ≥ 6000 | 82.3 | 84.2 | 84.3 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 |
| ≥ 5000 | 83.5 | 85.4 | 85.5 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 |
| ≥ 4500 | 85.9 | 88.1 | 88.2 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 |
| ≥ 4000 | 88.5 | 90.7 | 90.8 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 |
| ≥ 3500 | 91.5 | 93.8 | 93.9 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 |
| ≥ 3000 | 93.8 | 96.1 | 96.2 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| ≥ 2500 | 95.3 | 98.0 | 98.1 | 98.2 | 98.2 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 2000 | 95.8 | 98.4 | 98.6 | 98.7 | 98.7 | 98.7 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 1800 | 96.1 | 98.7 | 98.8 | 98.9 | 98.9 | 98.9 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 1500 | 96.2 | 98.9 | 99.0 | 99.2 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 1200 | 96.3 | 99.0 | 99.2 | 99.3 | 99.3 | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 1000 | 96.3 | 99.0 | 99.2 | 99.3 | 99.3 | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 900 | 96.3 | 99.2 | 99.3 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 800 | 96.3 | 99.2 | 99.3 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 700 | 96.3 | 99.2 | 99.3 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 600 | 96.3 | 99.2 | 99.3 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 500 | 96.3 | 99.2 | 99.3 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 400 | 96.3 | 99.2 | 99.3 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 300 | 96.3 | 99.2 | 99.3 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 200 | 96.3 | 99.2 | 99.3 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 100 | 96.3 | 99.2 | 99.3 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 0 | 96.3 | 99.2 | 99.3 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |

TOTAL NUMBER OF OBSERVATIONS 837

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03933
STATION

FORT HOOD TEXAS/FORT HOOD AAF
STATION NAME

61-69
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ¾ | ¾ | ¾ | ¾ | ≥5/16 | ≥0 |
| NO CEILING | 66.2 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 |
| ≥ 20000 | 79.3 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| ≥ 18000 | 79.3 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| ≥ 16000 | 79.3 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| ≥ 14000 | 79.7 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 |
| ≥ 12000 | 81.5 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 |
| ≥ 10000 | 84.6 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 |
| ≥ 9000 | 86.0 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 |
| ≥ 8000 | 86.7 | 88.2 | 88.3 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 |
| ≥ 7000 | 87.6 | 89.0 | 89.1 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 |
| ≥ 6000 | 87.8 | 89.2 | 89.4 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 |
| ≥ 5000 | 90.8 | 92.4 | 92.5 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| ≥ 4500 | 92.8 | 94.5 | 94.6 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| ≥ 4000 | 95.3 | 97.0 | 97.1 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| ≥ 3500 | 96.1 | 97.7 | 97.8 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 3000 | 96.9 | 98.6 | 98.9 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 2500 | 96.9 | 98.6 | 98.9 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 2000 | 96.9 | 98.6 | 98.9 | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 1800 | 96.9 | 98.6 | 98.9 | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 1500 | 96.9 | 98.6 | 98.9 | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 1200 | 97.3 | 98.9 | 99.3 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1000 | 97.3 | 98.9 | 99.3 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 900 | 97.3 | 98.9 | 99.3 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800 | 97.3 | 98.9 | 99.3 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700 | 97.3 | 98.9 | 99.3 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | 97.3 | 98.9 | 99.3 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | 97.3 | 98.9 | 99.3 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 97.3 | 98.9 | 99.3 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 97.3 | 98.9 | 99.3 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 97.3 | 98.9 | 99.3 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 97.3 | 98.9 | 99.3 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 97.3 | 98.9 | 99.3 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 837

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03933
STATION

FORT HOOD TEXAS/FORT HOOD AAF
STATION NAME

01-69
YEARS

4-6
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ¾ | ¾ | ¾ | ¾ | ≥5/16 | ≥0 |
| NO CEILING | 70.8 | 71.3 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 |
| ≥ 20000 | 83.6 | 84.2 | 84.5 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 |
| ≥ 18000 | 83.6 | 84.2 | 84.5 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 |
| ≥ 16000 | 83.6 | 84.2 | 84.5 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 |
| ≥ 14000 | 84.5 | 85.1 | 85.3 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 |
| ≥ 12000 | 86.4 | 87.0 | 87.2 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 |
| ≥ 10000 | 88.8 | 89.6 | 89.8 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| ≥ 9000 | 90.7 | 91.5 | 91.8 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 |
| ≥ 8000 | 92.1 | 93.0 | 93.3 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 |
| ≥ 7000 | 92.7 | 93.5 | 93.9 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |
| ≥ 6000 | 92.8 | 93.7 | 94.0 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| ≥ 5000 | 94.7 | 95.8 | 96.2 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 |
| ≥ 4500 | 95.2 | 96.5 | 97.0 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| ≥ 4000 | 96.1 | 97.7 | 98.2 | 98.4 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 3500 | 96.3 | 98.0 | 98.4 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 3000 | 96.5 | 98.2 | 98.7 | 98.9 | 99.0 | 99.0 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 2500 | 96.7 | 98.3 | 98.8 | 99.0 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 2000 | 96.7 | 98.4 | 98.9 | 99.2 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 1800 | 96.7 | 98.4 | 98.9 | 99.2 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 1500 | 96.7 | 98.4 | 98.9 | 99.2 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 1200 | 96.7 | 98.4 | 98.9 | 99.2 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 1000 | 96.7 | 98.4 | 98.9 | 99.2 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 900 | 96.7 | 98.7 | 99.2 | 99.4 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 800 | 96.8 | 98.8 | 99.3 | 99.5 | 99.6 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 700 | 96.8 | 98.9 | 99.4 | 99.6 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 600 | 96.8 | 98.9 | 99.4 | 99.6 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 500 | 96.8 | 98.9 | 99.4 | 99.6 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 400 | 96.8 | 98.9 | 99.4 | 99.6 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 300 | 96.8 | 98.9 | 99.4 | 99.6 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 200 | 96.8 | 98.9 | 99.4 | 99.6 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 100 | 96.8 | 98.9 | 99.4 | 99.6 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 0 | 96.8 | 98.9 | 99.4 | 99.6 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

TOTAL NUMBER OF OBSERVATIONS 837

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03933
STATION

FORT HOOD TEXAS/FORT HOOD AAF
STATION NAME

61-69
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 80.6 | 81.1 | 81.5 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 |
| ≥ 20000 | 86.1 | 86.6 | 87.0 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 |
| ≥ 18000 | 86.1 | 86.6 | 87.0 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 |
| ≥ 16000 | 86.1 | 86.6 | 87.0 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 |
| ≥ 14000 | 86.3 | 86.7 | 87.1 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 |
| ≥ 12000 | 87.8 | 88.3 | 88.6 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 |
| ≥ 10000 | 90.3 | 91.2 | 91.5 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 |
| ≥ 9000 | 91.4 | 92.2 | 92.6 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 |
| ≥ 8000 | 93.3 | 94.1 | 94.5 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 |
| ≥ 7000 | 93.8 | 94.6 | 95.0 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| ≥ 6000 | 93.8 | 94.6 | 95.2 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 |
| ≥ 5000 | 94.7 | 95.8 | 96.5 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| ≥ 4500 | 94.9 | 95.9 | 96.7 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| ≥ 4000 | 95.2 | 96.5 | 97.3 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| ≥ 3500 | 95.7 | 97.1 | 97.8 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 3000 | 96.1 | 97.6 | 98.3 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 2500 | 96.4 | 98.0 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 2000 | 96.5 | 98.1 | 98.8 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 1800 | 96.5 | 98.1 | 98.8 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 1500 | 96.5 | 98.1 | 98.8 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 1200 | 96.5 | 98.1 | 98.8 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 1000 | 96.7 | 98.3 | 99.0 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 900 | 96.7 | 98.3 | 99.0 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 800 | 96.7 | 98.3 | 99.0 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 700 | 96.8 | 98.4 | 99.2 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | 96.8 | 98.4 | 99.2 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | 96.8 | 98.4 | 99.2 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 96.8 | 98.4 | 99.2 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 96.8 | 98.4 | 99.2 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 96.8 | 98.4 | 99.2 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 96.8 | 98.4 | 99.2 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 96.8 | 98.4 | 99.2 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 837

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03933
STATION

FORT HOOD TEXAS/FORT HOOD AAF
STATION NAME

61-69
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 69.4 | 70.7 | 70.9 | 70.9 | 70.9 | 70.9 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 |
| ≥ 20000 | 74.1 | 75.6 | 75.7 | 75.7 | 75.7 | 75.7 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 |
| ≥ 18000 | 74.1 | 75.6 | 75.7 | 75.7 | 75.7 | 75.7 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 |
| ≥ 16000 | 74.1 | 75.6 | 75.7 | 75.7 | 75.7 | 75.7 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 |
| ≥ 14000 | 74.4 | 75.9 | 76.0 | 76.0 | 76.0 | 76.0 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 |
| ≥ 12000 | 75.3 | 76.8 | 76.9 | 76.9 | 76.9 | 76.9 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 |
| ≥ 10000 | 77.4 | 78.9 | 79.0 | 79.0 | 79.0 | 79.0 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 |
| ≥ 9000 | 78.3 | 79.9 | 80.0 | 80.0 | 80.0 | 80.0 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 |
| ≥ 8000 | 79.6 | 81.2 | 81.4 | 81.4 | 81.4 | 81.4 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 |
| ≥ 7000 | 79.9 | 81.5 | 81.6 | 81.6 | 81.6 | 81.6 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 |
| ≥ 6000 | 80.6 | 82.3 | 82.5 | 82.5 | 82.5 | 82.5 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 |
| ≥ 5000 | 81.6 | 83.5 | 83.6 | 83.6 | 83.7 | 83.7 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 |
| ≥ 4500 | 81.9 | 83.7 | 83.8 | 83.8 | 84.0 | 84.0 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 |
| ≥ 4000 | 82.2 | 84.1 | 84.2 | 84.2 | 84.3 | 84.3 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 |
| ≥ 3500 | 82.3 | 84.3 | 84.4 | 84.4 | 84.6 | 84.6 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 |
| ≥ 3000 | 82.5 | 84.6 | 84.7 | 84.7 | 84.8 | 84.8 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 |
| ≥ 2500 | 82.8 | 84.9 | 85.1 | 85.1 | 85.2 | 85.2 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 |
| ≥ 2000 | 83.8 | 85.9 | 86.7 | 87.0 | 87.2 | 87.2 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 |
| ≥ 1800 | 84.0 | 86.0 | 86.8 | 87.2 | 87.3 | 87.3 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 |
| ≥ 1500 | 85.2 | 87.5 | 88.3 | 88.6 | 88.8 | 88.8 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 |
| ≥ 1200 | 87.0 | 89.5 | 90.4 | 90.7 | 90.9 | 90.9 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 |
| ≥ 1000 | 87.9 | 90.4 | 91.2 | 91.6 | 91.7 | 91.7 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 |
| ≥ 900 | 88.5 | 91.4 | 92.2 | 92.6 | 92.7 | 92.7 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 |
| ≥ 800 | 89.3 | 92.1 | 93.0 | 93.3 | 93.5 | 93.5 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 |
| ≥ 700 | 89.6 | 93.0 | 93.8 | 94.3 | 94.7 | 94.7 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 |
| ≥ 600 | 90.0 | 93.5 | 94.4 | 95.1 | 95.4 | 95.4 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| ≥ 500 | 90.6 | 94.8 | 95.9 | 96.8 | 97.5 | 97.5 | 98.3 | 98.3 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 400 | 90.6 | 94.9 | 96.0 | 97.2 | 98.0 | 98.1 | 98.9 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 300 | 90.6 | 95.2 | 96.4 | 97.5 | 98.4 | 98.5 | 99.4 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 200 | 90.6 | 95.2 | 96.4 | 97.5 | 98.4 | 98.5 | 99.5 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 90.6 | 95.2 | 96.4 | 97.5 | 98.4 | 98.5 | 99.5 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 90.6 | 95.2 | 96.4 | 97.5 | 98.4 | 98.5 | 99.5 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 810

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03933
STATION

FORT HOOD TEXAS/FORT HOOD AAF
STATION NAME

61-69
YEARS

510
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ¾ | ¾ | ¾ | ¾ | ≥5/16 | ≥¼ |
| NO CEILING | 61.2 | 64.8 | 64.9 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.2 | 65.2 | 65.2 |
| ≥ 20000 | 65.3 | 68.9 | 69.0 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.3 | 69.3 | 69.3 |
| ≥ 18000 | 65.3 | 68.9 | 69.0 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.3 | 69.3 | 69.3 |
| ≥ 16000 | 65.3 | 68.9 | 69.0 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.3 | 69.3 | 69.3 |
| ≥ 14000 | 65.7 | 69.3 | 69.4 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.6 | 69.6 | 69.6 |
| ≥ 12000 | 67.3 | 70.9 | 71.0 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.2 | 71.2 | 71.2 |
| ≥ 10000 | 68.5 | 72.1 | 72.3 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.6 | 72.7 | 72.7 |
| ≥ 9000 | 68.5 | 72.1 | 72.3 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.6 | 72.7 | 72.7 |
| ≥ 8000 | 70.0 | 74.0 | 74.2 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.4 | 74.6 | 74.6 |
| ≥ 7000 | 70.5 | 74.4 | 74.7 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.9 | 75.1 | 75.1 |
| ≥ 6000 | 70.9 | 74.8 | 75.1 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.3 | 75.4 | 75.4 |
| ≥ 5000 | 71.9 | 75.8 | 76.0 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.3 | 76.4 | 76.4 |
| ≥ 4500 | 72.0 | 75.9 | 76.2 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.4 | 76.5 | 76.5 |
| ≥ 4000 | 72.5 | 76.5 | 76.8 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 77.0 | 77.2 | 77.2 |
| ≥ 3500 | 72.7 | 76.9 | 77.2 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.4 | 77.5 | 77.5 |
| ≥ 3000 | 73.3 | 77.5 | 77.9 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.3 | 78.4 | 78.4 |
| ≥ 2500 | 74.2 | 78.4 | 79.0 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.4 | 79.5 | 79.5 |
| ≥ 2000 | 75.3 | 79.5 | 80.1 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.4 | 80.5 | 80.5 | 80.5 | 80.5 | 80.6 | 80.7 | 80.7 |
| ≥ 1800 | 75.7 | 80.1 | 80.7 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 81.0 | 81.1 | 81.1 | 81.1 | 81.1 | 81.2 | 81.4 | 81.4 |
| ≥ 1500 | 77.8 | 82.5 | 83.1 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.3 | 83.6 | 83.6 | 83.6 | 83.6 | 83.7 | 83.8 | 83.8 |
| ≥ 1200 | 80.6 | 85.8 | 86.5 | 86.7 | 86.8 | 86.8 | 86.8 | 86.8 | 86.9 | 87.2 | 87.2 | 87.2 | 87.2 | 87.3 | 87.4 | 87.4 |
| ≥ 1000 | 82.6 | 87.8 | 88.5 | 88.8 | 88.9 | 88.9 | 88.9 | 88.9 | 89.0 | 89.3 | 89.3 | 89.3 | 89.3 | 89.4 | 89.5 | 89.5 |
| ≥ 900 | 83.5 | 88.9 | 89.6 | 89.9 | 90.0 | 90.0 | 90.0 | 90.1 | 90.2 | 90.5 | 90.5 | 90.5 | 90.5 | 90.6 | 90.7 | 90.7 |
| ≥ 800 | 84.4 | 90.4 | 91.1 | 91.4 | 91.5 | 91.5 | 91.5 | 91.6 | 91.7 | 92.0 | 92.0 | 92.0 | 92.0 | 92.1 | 92.2 | 92.2 |
| ≥ 700 | 84.9 | 91.4 | 92.2 | 92.5 | 92.7 | 92.7 | 92.7 | 92.8 | 93.0 | 93.2 | 93.2 | 93.2 | 93.2 | 93.3 | 93.5 | 93.5 |
| ≥ 600 | 85.3 | 92.2 | 93.1 | 93.3 | 93.6 | 93.6 | 93.6 | 93.8 | 94.1 | 94.3 | 94.6 | 94.6 | 94.6 | 94.7 | 94.8 | 94.8 |
| ≥ 500 | 85.7 | 93.3 | 94.6 | 94.9 | 95.3 | 95.3 | 95.3 | 95.7 | 95.9 | 96.2 | 96.4 | 96.4 | 96.4 | 96.5 | 96.7 | 96.7 |
| ≥ 400 | 85.8 | 93.6 | 95.3 | 96.0 | 96.5 | 96.5 | 96.5 | 96.9 | 97.2 | 97.5 | 97.8 | 97.8 | 97.8 | 97.9 | 98.0 | 98.0 |
| ≥ 300 | 86.0 | 94.0 | 96.2 | 97.3 | 97.8 | 97.9 | 98.3 | 98.6 | 99.0 | 99.3 | 99.3 | 99.3 | 99.3 | 99.4 | 99.5 | 99.5 |
| ≥ 200 | 86.0 | 94.0 | 96.2 | 97.3 | 97.9 | 98.0 | 98.5 | 99.0 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.8 | 99.9 | 99.9 |
| ≥ 100 | 86.0 | 94.0 | 96.2 | 97.3 | 97.9 | 98.0 | 98.5 | 99.0 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.8 | 99.9 | 99.9 |
| ≥ 0 | 86.0 | 94.0 | 96.2 | 97.3 | 97.9 | 98.0 | 98.5 | 99.0 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.8 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 810

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03933
STATION

FORT HOOD TEXAS/FORT HOOD AAF
STATION NAME

61-69
YEARS

SIP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 43.0 | 57.0 | 59.5 | 60.0 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 |
| ≥20000 | 46.2 | 60.6 | 63.2 | 63.7 | 63.8 | 63.8 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 |
| ≥18000 | 46.2 | 60.6 | 63.2 | 63.7 | 63.8 | 63.8 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 |
| ≥16000 | 46.2 | 60.6 | 63.2 | 63.7 | 63.8 | 63.8 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 |
| ≥14000 | 46.5 | 61.1 | 63.7 | 64.2 | 64.3 | 64.3 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 |
| ≥12000 | 47.2 | 62.3 | 64.9 | 65.4 | 65.5 | 65.5 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 |
| ≥10000 | 48.9 | 64.5 | 67.4 | 68.0 | 68.1 | 68.1 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.4 | 68.4 |
| ≥9000 | 49.8 | 65.9 | 68.9 | 69.5 | 69.6 | 69.6 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.8 | 69.8 |
| ≥8000 | 51.4 | 68.2 | 71.2 | 71.8 | 71.9 | 71.9 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.3 | 72.3 |
| ≥7000 | 51.8 | 68.7 | 71.9 | 72.6 | 72.7 | 72.7 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 73.1 | 73.1 |
| ≥6000 | 52.2 | 69.5 | 72.8 | 73.4 | 73.5 | 73.5 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.9 | 73.9 |
| ≥5000 | 52.4 | 70.1 | 73.4 | 74.0 | 74.2 | 74.2 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.5 | 74.5 |
| ≥4500 | 52.5 | 70.2 | 73.5 | 74.2 | 74.3 | 74.3 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.7 | 74.7 |
| ≥4000 | 52.9 | 70.6 | 73.9 | 74.7 | 74.8 | 74.8 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.2 | 75.2 |
| ≥3500 | 53.0 | 71.1 | 74.4 | 75.2 | 75.3 | 75.3 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.6 | 75.6 |
| ≥3000 | 53.4 | 72.1 | 75.5 | 76.3 | 76.5 | 76.5 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.9 | 76.9 |
| ≥2500 | 54.1 | 72.9 | 76.4 | 77.1 | 77.4 | 77.4 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.8 | 77.8 |
| ≥2000 | 54.9 | 74.0 | 77.5 | 78.4 | 78.6 | 78.6 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 79.0 | 79.0 |
| ≥1800 | 55.1 | 74.3 | 77.9 | 78.7 | 79.0 | 79.0 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.4 | 79.4 |
| ≥1500 | 56.5 | 76.0 | 79.7 | 80.6 | 80.8 | 81.0 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.3 | 81.3 |
| ≥1200 | 58.3 | 78.4 | 82.1 | 82.9 | 83.2 | 83.3 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.7 | 83.7 |
| ≥1000 | 59.7 | 80.3 | 84.2 | 85.0 | 85.3 | 85.5 | 85.8 | 85.8 | 85.8 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.2 | 86.2 |
| ≥900 | 60.3 | 81.3 | 85.3 | 86.2 | 86.5 | 86.8 | 87.0 | 87.0 | 87.0 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.4 | 87.4 |
| ≥800 | 61.2 | 83.2 | 87.3 | 88.3 | 88.6 | 88.9 | 89.1 | 89.1 | 89.1 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.5 | 89.5 |
| ≥700 | 61.8 | 84.4 | 88.8 | 90.0 | 90.5 | 90.7 | 91.0 | 91.0 | 91.0 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.3 | 91.3 |
| ≥600 | 62.2 | 85.7 | 90.2 | 91.6 | 92.1 | 92.3 | 92.8 | 92.8 | 93.0 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.3 | 93.3 |
| ≥500 | 62.4 | 86.3 | 91.1 | 92.8 | 93.4 | 93.7 | 94.2 | 94.2 | 94.3 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.7 | 94.7 |
| ≥400 | 62.7 | 87.4 | 92.8 | 94.7 | 95.3 | 95.8 | 96.5 | 96.5 | 96.8 | 97.0 | 97.2 | 97.2 | 97.2 | 97.2 | 97.3 | 97.3 |
| ≥300 | 62.7 | 87.5 | 93.4 | 95.1 | 95.9 | 96.4 | 97.4 | 97.8 | 98.1 | 98.5 | 98.8 | 98.8 | 98.8 | 98.8 | 98.9 | 98.9 |
| ≥200 | 62.7 | 87.5 | 93.4 | 95.3 | 96.2 | 96.7 | 97.8 | 98.1 | 98.5 | 98.9 | 99.3 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 |
| ≥100 | 62.7 | 87.5 | 93.4 | 95.3 | 96.2 | 96.7 | 97.8 | 98.1 | 98.5 | 99.0 | 99.4 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 |
| ≥0 | 62.7 | 87.3 | 93.4 | 95.3 | 96.2 | 96.7 | 97.8 | 98.1 | 98.5 | 99.0 | 99.4 | 99.4 | 99.4 | 99.4 | 99.5 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 809

USAFETAC

FORM
AA 64

0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03933
STATION

FORT HOOD TEXAS/FORT HOOD AAF
STATION NAME

61-69
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ¾ | ¾ | ¾ | ¾ | ≥5/16 | ≥½ |
| NO CEILING | 48.4 | 56.7 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 |
| ≥ 20000 | 54.1 | 62.6 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 |
| ≥ 18000 | 54.1 | 62.6 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 |
| ≥ 16000 | 54.1 | 62.6 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 |
| ≥ 14000 | 54.7 | 63.2 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 |
| ≥ 12000 | 55.1 | 63.8 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 |
| ≥ 10000 | 58.4 | 67.5 | 67.9 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 |
| ≥ 9000 | 59.5 | 68.9 | 69.3 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 |
| ≥ 8000 | 60.7 | 70.9 | 71.4 | 71.6 | 71.6 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 |
| ≥ 7000 | 61.5 | 71.6 | 72.1 | 72.3 | 72.5 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 |
| ≥ 6000 | 61.9 | 72.0 | 72.5 | 72.7 | 73.1 | 73.3 | 73.3 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 |
| ≥ 5000 | 62.1 | 72.3 | 72.8 | 73.1 | 73.5 | 73.7 | 73.7 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 |
| ≥ 4500 | 62.5 | 72.7 | 73.2 | 73.6 | 74.0 | 74.2 | 74.2 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 |
| ≥ 4000 | 62.7 | 73.2 | 73.7 | 74.1 | 74.4 | 74.7 | 74.7 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 |
| ≥ 3500 | 63.2 | 73.8 | 74.3 | 74.7 | 75.1 | 75.3 | 75.3 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 |
| ≥ 3000 | 64.4 | 75.1 | 75.6 | 75.9 | 76.3 | 76.5 | 76.5 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 |
| ≥ 2500 | 66.9 | 77.8 | 78.3 | 78.6 | 79.0 | 79.3 | 79.3 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 |
| ≥ 2000 | 69.9 | 81.0 | 81.5 | 81.9 | 82.2 | 82.5 | 82.5 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 |
| ≥ 1800 | 70.7 | 82.0 | 82.6 | 83.0 | 83.3 | 83.6 | 83.6 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 |
| ≥ 1500 | 72.2 | 83.8 | 84.4 | 84.8 | 85.2 | 85.4 | 85.4 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 |
| ≥ 1200 | 74.8 | 87.3 | 88.0 | 88.8 | 89.1 | 89.4 | 89.4 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 |
| ≥ 1000 | 75.9 | 89.0 | 89.9 | 90.6 | 91.1 | 91.5 | 91.5 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 |
| ≥ 900 | 76.2 | 89.6 | 90.7 | 91.5 | 92.0 | 92.3 | 92.3 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 |
| ≥ 800 | 76.2 | 90.2 | 91.6 | 92.3 | 92.8 | 93.2 | 93.2 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| ≥ 700 | 76.3 | 91.1 | 92.8 | 93.8 | 94.3 | 94.7 | 94.7 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| ≥ 600 | 76.3 | 91.4 | 93.1 | 94.3 | 94.8 | 95.3 | 95.3 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 |
| ≥ 500 | 76.4 | 92.0 | 94.0 | 95.7 | 96.3 | 96.8 | 97.0 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| ≥ 400 | 76.4 | 92.5 | 94.7 | 96.4 | 97.2 | 97.7 | 98.1 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 300 | 76.4 | 92.6 | 95.1 | 96.8 | 97.5 | 98.0 | 98.5 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 200 | 76.4 | 92.6 | 95.1 | 96.8 | 97.5 | 98.0 | 98.5 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 100 | 76.4 | 92.6 | 95.1 | 96.8 | 97.5 | 98.0 | 98.5 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 0 | 76.4 | 92.6 | 95.1 | 96.8 | 97.5 | 98.0 | 98.5 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |

TOTAL NUMBER OF OBSERVATIONS 810

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03933
STATION

FORT HOOD TEXAS/FORT HOOD AAF
STATION NAME

61-69
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 53.1 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 |
| ≥ 20000 | 62.5 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 |
| ≥ 18000 | 62.5 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 |
| ≥ 16000 | 62.5 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 |
| ≥ 14000 | 63.5 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 |
| ≥ 12000 | 66.2 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 |
| ≥ 10000 | 68.9 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 |
| ≥ 9000 | 69.8 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 |
| ≥ 8000 | 71.9 | 75.3 | 75.3 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 |
| ≥ 7000 | 72.7 | 76.3 | 76.3 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 |
| ≥ 6000 | 73.0 | 76.3 | 76.5 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 |
| ≥ 5000 | 73.7 | 77.3 | 77.4 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 |
| ≥ 4500 | 75.2 | 78.8 | 79.0 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 |
| ≥ 4000 | 77.9 | 81.7 | 82.0 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 |
| ≥ 3500 | 81.4 | 85.4 | 85.8 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 |
| ≥ 3000 | 84.3 | 88.5 | 88.9 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 |
| ≥ 2500 | 86.2 | 90.4 | 90.9 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 |
| ≥ 2000 | 87.4 | 91.7 | 92.2 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 |
| ≥ 1800 | 88.3 | 92.8 | 93.3 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 |
| ≥ 1500 | 88.4 | 93.1 | 93.6 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| ≥ 1200 | 89.1 | 94.7 | 95.4 | 96.0 | 96.0 | 96.2 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| ≥ 1000 | 90.0 | 95.7 | 96.4 | 97.0 | 97.0 | 97.2 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| ≥ 900 | 90.0 | 95.8 | 96.7 | 97.3 | 97.3 | 97.4 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| ≥ 800 | 90.1 | 96.2 | 97.2 | 97.8 | 97.8 | 98.0 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 700 | 90.6 | 96.9 | 98.1 | 98.8 | 98.8 | 99.1 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 600 | 90.6 | 96.9 | 98.1 | 98.8 | 98.8 | 99.1 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 500 | 90.6 | 97.0 | 98.3 | 99.0 | 99.0 | 99.4 | 99.5 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 400 | 90.6 | 97.0 | 98.3 | 99.0 | 99.0 | 99.4 | 99.5 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 300 | 90.6 | 97.0 | 98.3 | 99.0 | 99.1 | 99.5 | 99.6 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 90.6 | 97.0 | 98.3 | 99.0 | 99.1 | 99.5 | 99.6 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 90.6 | 97.0 | 98.3 | 99.0 | 99.1 | 99.5 | 99.6 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 90.6 | 97.0 | 98.3 | 99.0 | 99.1 | 99.5 | 99.6 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 810

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03933
STATION

FORT HOOD TEXAS/FORT HOOD AAF
STATION NAME

61-69
YEARS

1
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1½ | ≥1 | ≥1 | ≥1 | ≥1 | ≥1/2 | ≥1/2 | ≥0 |
| NO CEILING | 59.3 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 |
| ≥ 20000 | 70.0 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 |
| ≥ 18000 | 70.0 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 |
| ≥ 16000 | 70.0 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 |
| ≥ 14000 | 70.6 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 |
| ≥ 12000 | 73.0 | 74.9 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 |
| ≥ 10000 | 77.7 | 80.1 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 |
| ≥ 9000 | 78.0 | 80.5 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 |
| ≥ 8000 | 79.8 | 83.0 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 |
| ≥ 7000 | 80.7 | 84.3 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 |
| ≥ 6000 | 81.5 | 85.3 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 |
| ≥ 5000 | 82.5 | 86.5 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 |
| ≥ 4500 | 84.1 | 88.1 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 |
| ≥ 4000 | 86.7 | 90.9 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 |
| ≥ 3500 | 88.0 | 92.5 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| ≥ 3000 | 88.6 | 93.1 | 93.5 | 93.6 | 93.6 | 93.6 | 93.6 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 |
| ≥ 2500 | 89.0 | 93.6 | 94.0 | 94.1 | 94.1 | 94.1 | 94.2 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| ≥ 2000 | 89.6 | 94.2 | 94.6 | 94.7 | 94.7 | 94.7 | 94.8 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| ≥ 1800 | 90.0 | 94.6 | 94.9 | 95.1 | 95.1 | 95.1 | 95.2 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| ≥ 1500 | 91.0 | 95.8 | 96.2 | 96.4 | 96.5 | 96.5 | 96.7 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| ≥ 1200 | 91.5 | 96.4 | 96.8 | 97.0 | 97.2 | 97.2 | 97.4 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| ≥ 1000 | 91.6 | 96.5 | 96.9 | 97.2 | 97.3 | 97.3 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| ≥ 900 | 91.6 | 96.5 | 96.9 | 97.2 | 97.3 | 97.3 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| ≥ 800 | 92.0 | 96.9 | 97.4 | 97.8 | 97.9 | 97.9 | 98.3 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| ≥ 700 | 92.0 | 97.0 | 97.5 | 97.9 | 98.4 | 98.4 | 98.9 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 600 | 92.0 | 97.0 | 97.7 | 98.0 | 98.5 | 98.5 | 99.0 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 500 | 92.0 | 97.0 | 97.7 | 98.0 | 98.5 | 98.5 | 99.1 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 400 | 92.0 | 97.0 | 97.7 | 98.0 | 98.5 | 98.5 | 99.3 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 300 | 92.0 | 97.0 | 97.7 | 98.0 | 98.5 | 98.5 | 99.4 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 200 | 92.0 | 97.0 | 97.7 | 98.0 | 98.5 | 98.5 | 99.4 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 100 | 92.0 | 97.0 | 97.7 | 98.0 | 98.5 | 98.5 | 99.4 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 0 | 92.0 | 97.0 | 97.7 | 98.0 | 98.5 | 98.5 | 99.4 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

TOTAL NUMBER OF OBSERVATIONS 810

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03933
STATION

FORT HOOD TEXAS/FORT HOOD AAF
STATION NAME

61-69
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2100
HOURS (EST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 64.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 |
| ≥ 20000 | 72.1 | 74.8 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 |
| ≥ 18000 | 72.1 | 74.8 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 |
| ≥ 16000 | 72.1 | 74.8 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 |
| ≥ 14000 | 72.1 | 75.4 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 |
| ≥ 12000 | 75.2 | 77.9 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 |
| ≥ 10000 | 80.0 | 83.3 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 |
| ≥ 9000 | 81.1 | 84.4 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 |
| ≥ 8000 | 82.7 | 86.3 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 |
| ≥ 7000 | 84.0 | 88.0 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 |
| ≥ 6000 | 84.2 | 88.4 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 |
| ≥ 5000 | 84.9 | 89.1 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 |
| ≥ 4500 | 86.7 | 91.1 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 |
| ≥ 4000 | 87.5 | 92.1 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 |
| ≥ 3500 | 88.1 | 93.1 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 |
| ≥ 3000 | 88.8 | 94.0 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| ≥ 2500 | 88.9 | 94.4 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 |
| ≥ 2000 | 89.1 | 94.9 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| ≥ 1800 | 89.1 | 94.9 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| ≥ 1500 | 89.4 | 95.2 | 95.8 | 95.9 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| ≥ 1200 | 90.1 | 95.9 | 96.7 | 96.8 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| ≥ 1000 | 90.1 | 95.9 | 96.7 | 96.8 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| ≥ 900 | 90.4 | 96.5 | 97.3 | 97.4 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| ≥ 800 | 90.5 | 97.0 | 97.8 | 98.0 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 700 | 90.5 | 97.0 | 97.9 | 98.3 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| ≥ 600 | 90.6 | 97.3 | 98.1 | 98.5 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 500 | 90.7 | 97.4 | 98.3 | 98.6 | 99.1 | 99.1 | 99.1 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 400 | 90.7 | 97.4 | 98.3 | 98.6 | 99.1 | 99.1 | 99.3 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 300 | 90.7 | 97.5 | 98.4 | 98.8 | 99.5 | 99.5 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 200 | 90.7 | 97.5 | 98.4 | 98.8 | 99.5 | 99.5 | 99.6 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 90.7 | 97.5 | 98.4 | 98.8 | 99.5 | 99.5 | 99.6 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 90.7 | 97.5 | 98.4 | 98.8 | 99.5 | 99.5 | 99.6 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 810

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03933
STATION

FORT HOOD TEXAS/FORT HOOD AAF
STATION NAME

01-69
YEARS

11
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (EST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥1/16 | ≥1 | ≥0 |
| NO CEILING | 70.4 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 |
| ≥20000 | 77.7 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 |
| ≥18000 | 77.7 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 |
| ≥16000 | 77.7 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 |
| ≥14000 | 78.0 | 80.1 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 |
| ≥12000 | 79.8 | 82.1 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 |
| ≥10000 | 83.3 | 85.2 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 |
| ≥9000 | 83.3 | 86.0 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 |
| ≥8000 | 84.3 | 87.2 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 |
| ≥7000 | 85.3 | 88.1 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 |
| ≥6000 | 85.8 | 88.6 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 |
| ≥5000 | 86.5 | 89.5 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 |
| ≥4500 | 86.8 | 89.8 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| ≥4000 | 87.5 | 90.7 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 |
| ≥3500 | 88.0 | 91.2 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 |
| ≥3000 | 88.4 | 91.9 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| ≥2500 | 88.8 | 92.3 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| ≥2000 | 89.5 | 93.3 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 |
| ≥1800 | 89.6 | 93.5 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 |
| ≥1500 | 90.5 | 94.4 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| ≥1200 | 91.1 | 95.1 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 |
| ≥1000 | 91.1 | 95.3 | 95.8 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 |
| ≥900 | 91.1 | 95.6 | 96.2 | 96.3 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 |
| ≥800 | 91.2 | 96.2 | 96.9 | 97.0 | 97.2 | 97.2 | 97.2 | 97.2 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| ≥700 | 91.5 | 96.8 | 97.5 | 97.7 | 97.8 | 97.8 | 97.8 | 97.9 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥600 | 91.9 | 97.5 | 98.3 | 98.5 | 98.6 | 98.6 | 98.6 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥500 | 91.9 | 97.7 | 98.5 | 98.8 | 99.0 | 99.0 | 99.0 | 99.1 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥400 | 91.9 | 97.7 | 98.5 | 98.9 | 99.5 | 99.5 | 99.5 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥300 | 91.9 | 97.7 | 98.5 | 98.9 | 99.5 | 99.5 | 99.5 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥200 | 91.9 | 97.8 | 98.6 | 99.0 | 99.6 | 99.6 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥100 | 91.9 | 97.8 | 98.6 | 99.0 | 99.6 | 99.6 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥0 | 91.9 | 97.8 | 98.6 | 99.0 | 99.6 | 99.6 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 810

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

03933
STATION

FORT HOOD TEXAS/FORT HOOD AAF
STATION NAME

61-69
YEARS

CT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0700
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥1/16 | ≥0 | ≥0 |
| NO CEILING | 74.1 | 75.1 | 75.6 | 75.7 | 75.7 | 75.7 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.1 |
| ≥ 20000 | 76.3 | 77.4 | 77.9 | 78.0 | 78.0 | 78.0 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.4 |
| ≥ 18000 | 76.3 | 77.4 | 77.9 | 78.0 | 78.0 | 78.0 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.4 |
| ≥ 16000 | 76.3 | 77.4 | 77.9 | 78.0 | 78.0 | 78.0 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.4 |
| ≥ 14000 | 76.3 | 77.4 | 77.9 | 78.0 | 78.0 | 78.0 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.4 |
| ≥ 12000 | 76.8 | 77.9 | 78.4 | 78.5 | 78.5 | 78.5 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.9 |
| ≥ 10000 | 78.3 | 79.3 | 79.8 | 79.9 | 79.9 | 79.9 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.3 |
| ≥ 9000 | 79.1 | 80.2 | 80.6 | 80.8 | 80.8 | 80.8 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.1 |
| ≥ 8000 | 79.5 | 80.5 | 81.0 | 81.1 | 81.1 | 81.1 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.5 |
| ≥ 7000 | 79.8 | 81.0 | 81.5 | 81.6 | 81.6 | 81.6 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 82.0 |
| ≥ 6000 | 79.8 | 81.0 | 81.5 | 81.6 | 81.6 | 81.6 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 82.0 |
| ≥ 5000 | 80.0 | 81.2 | 81.7 | 81.8 | 81.8 | 81.8 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.2 |
| ≥ 4500 | 80.3 | 81.6 | 82.1 | 82.2 | 82.2 | 82.2 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.6 |
| ≥ 4000 | 81.1 | 82.6 | 83.0 | 83.2 | 83.2 | 83.2 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.5 |
| ≥ 3500 | 81.8 | 83.3 | 83.8 | 83.9 | 83.9 | 83.9 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.2 |
| ≥ 3000 | 82.4 | 84.1 | 84.7 | 84.9 | 84.9 | 84.9 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.3 |
| ≥ 2500 | 83.2 | 85.1 | 85.7 | 85.9 | 85.9 | 85.9 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.3 |
| ≥ 2000 | 84.7 | 86.9 | 87.5 | 87.7 | 87.7 | 87.7 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 88.1 |
| ≥ 1800 | 85.4 | 87.6 | 88.2 | 88.4 | 88.4 | 88.4 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.8 |
| ≥ 1500 | 87.7 | 89.8 | 90.4 | 90.7 | 90.7 | 90.7 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 91.0 |
| ≥ 1200 | 89.8 | 92.6 | 93.2 | 93.4 | 93.4 | 93.4 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.8 |
| ≥ 1000 | 90.4 | 93.7 | 94.3 | 94.6 | 94.7 | 94.7 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.1 |
| ≥ 900 | 91.3 | 94.5 | 95.1 | 95.5 | 95.6 | 95.6 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.9 |
| ≥ 800 | 91.9 | 95.1 | 95.7 | 96.1 | 96.2 | 96.2 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.5 |
| ≥ 700 | 92.2 | 95.8 | 96.5 | 97.0 | 97.1 | 97.1 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.7 |
| ≥ 600 | 92.2 | 95.8 | 96.7 | 97.3 | 97.5 | 97.5 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 98.2 |
| ≥ 500 | 92.2 | 95.8 | 96.7 | 97.3 | 97.7 | 97.7 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.4 |
| ≥ 400 | 92.2 | 95.8 | 96.7 | 97.5 | 98.1 | 98.2 | 98.4 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 99.2 |
| ≥ 300 | 92.2 | 95.8 | 96.9 | 97.7 | 98.3 | 98.4 | 98.7 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 99.4 |
| ≥ 200 | 92.2 | 95.8 | 96.9 | 97.7 | 98.3 | 98.4 | 98.7 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 99.4 |
| ≥ 100 | 92.2 | 95.8 | 96.9 | 97.7 | 98.3 | 98.4 | 98.7 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 99.6 |
| ≥ 0 | 92.2 | 95.8 | 96.9 | 97.7 | 98.3 | 98.4 | 98.7 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 837

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03933
STATION

FORT HOOD TEXAS/FORT HOOD AAF
STATION NAME

61-69
YEARS

UCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0100-0500
HOURS (EST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 64.8 | 68.6 | 68.9 | 69.1 | 69.2 | 69.2 | 69.3 | 69.3 | 69.3 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 70.0 |
| ≥ 20000 | 66.7 | 70.6 | 71.0 | 71.1 | 71.2 | 71.2 | 71.3 | 71.3 | 71.3 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 72.0 |
| ≥ 18000 | 66.7 | 70.6 | 71.0 | 71.1 | 71.2 | 71.2 | 71.3 | 71.3 | 71.3 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 72.0 |
| ≥ 16000 | 66.7 | 70.6 | 71.0 | 71.1 | 71.2 | 71.2 | 71.3 | 71.3 | 71.3 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 72.0 |
| ≥ 14000 | 66.8 | 70.7 | 71.1 | 71.2 | 71.3 | 71.3 | 71.4 | 71.4 | 71.4 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 72.2 |
| ≥ 12000 | 67.5 | 71.4 | 71.8 | 71.9 | 72.0 | 72.0 | 72.2 | 72.2 | 72.2 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.9 |
| ≥ 10000 | 68.5 | 72.4 | 72.8 | 72.9 | 73.0 | 73.0 | 73.1 | 73.1 | 73.1 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.8 |
| ≥ 9000 | 69.3 | 73.2 | 73.6 | 73.7 | 73.8 | 73.8 | 74.0 | 74.0 | 74.0 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.7 |
| ≥ 8000 | 70.0 | 74.0 | 74.3 | 74.4 | 74.6 | 74.6 | 74.7 | 74.7 | 74.7 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 75.4 |
| ≥ 7000 | 70.3 | 74.4 | 74.8 | 74.9 | 75.0 | 75.0 | 75.1 | 75.1 | 75.1 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.9 |
| ≥ 6000 | 70.6 | 74.8 | 75.1 | 75.3 | 75.4 | 75.4 | 75.5 | 75.5 | 75.5 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 76.2 |
| ≥ 5000 | 71.4 | 75.6 | 75.0 | 76.1 | 76.2 | 76.2 | 76.3 | 76.3 | 76.3 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 77.1 |
| ≥ 4500 | 71.7 | 75.9 | 76.3 | 76.5 | 76.6 | 76.6 | 76.7 | 76.7 | 76.7 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 77.4 |
| ≥ 4000 | 72.0 | 76.5 | 77.2 | 77.3 | 77.4 | 77.4 | 77.5 | 77.5 | 77.5 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 78.1 |
| ≥ 3500 | 72.8 | 77.2 | 77.9 | 78.0 | 78.1 | 78.1 | 78.3 | 78.3 | 78.3 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 79.0 |
| ≥ 3000 | 73.2 | 77.7 | 78.4 | 78.6 | 78.7 | 78.7 | 78.9 | 78.9 | 78.9 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.6 |
| ≥ 2500 | 73.5 | 78.1 | 79.0 | 79.3 | 79.5 | 79.5 | 79.6 | 79.6 | 79.6 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 80.3 |
| ≥ 2000 | 74.7 | 80.0 | 80.9 | 81.4 | 81.5 | 81.5 | 81.6 | 81.6 | 81.6 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 82.3 |
| ≥ 1800 | 75.7 | 81.2 | 82.1 | 82.6 | 82.7 | 82.7 | 82.8 | 82.8 | 82.8 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 83.5 |
| ≥ 1500 | 78.0 | 84.0 | 84.9 | 85.4 | 85.5 | 85.5 | 85.7 | 85.7 | 85.7 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 86.4 |
| ≥ 1200 | 81.0 | 87.7 | 88.8 | 89.4 | 89.5 | 89.5 | 89.6 | 89.6 | 89.6 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 90.3 |
| ≥ 1000 | 82.4 | 90.2 | 91.4 | 92.1 | 92.2 | 92.2 | 92.4 | 92.4 | 92.4 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 93.1 |
| ≥ 900 | 83.4 | 92.1 | 93.7 | 94.4 | 94.5 | 94.5 | 94.6 | 94.6 | 94.6 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 95.3 |
| ≥ 800 | 83.9 | 93.0 | 94.5 | 95.2 | 95.3 | 95.3 | 95.5 | 95.5 | 95.5 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 96.2 |
| ≥ 700 | 84.2 | 93.5 | 95.2 | 95.9 | 96.1 | 96.1 | 96.2 | 96.2 | 96.2 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.9 |
| ≥ 600 | 84.2 | 93.9 | 95.7 | 96.4 | 96.5 | 96.5 | 96.8 | 96.8 | 96.8 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 97.5 |
| ≥ 500 | 84.2 | 94.0 | 95.9 | 96.8 | 97.1 | 97.1 | 97.4 | 97.4 | 97.4 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 98.1 |
| ≥ 400 | 84.6 | 94.6 | 96.5 | 97.4 | 98.0 | 98.0 | 98.2 | 98.2 | 98.2 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 99.0 |
| ≥ 300 | 84.6 | 94.6 | 96.5 | 97.4 | 98.0 | 98.0 | 98.2 | 98.2 | 98.2 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 99.2 |
| ≥ 200 | 84.6 | 94.6 | 96.5 | 97.4 | 98.0 | 98.0 | 98.2 | 98.2 | 98.2 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 99.4 |
| ≥ 100 | 84.6 | 94.6 | 96.5 | 97.4 | 98.0 | 98.0 | 98.2 | 98.2 | 98.2 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 99.6 |
| ≥ 0 | 84.6 | 94.6 | 96.5 | 97.4 | 98.0 | 98.0 | 98.2 | 98.2 | 98.2 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 837

USAFETAC

FORM
AA 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03933
STATION

FORT HOOD TEXAS/FORT HOOD AAF
STATION NAME

61-64
YEARS

NOI
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1.4 | ≥1 | ≥.9 | ≥.8 | ≥.7 | ≥.6 | ≥.5 | ≥.4 |
| NO CEILING | 51.5 | 59.4 | 61.1 | 61.4 | 61.4 | 61.6 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 62.5 |
| ≥ 20000 | 53.0 | 61.4 | 63.1 | 63.4 | 63.4 | 63.7 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 64.5 |
| ≥ 18000 | 53.0 | 61.4 | 63.1 | 63.4 | 63.4 | 63.7 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 64.5 |
| ≥ 16000 | 53.0 | 61.4 | 63.1 | 63.4 | 63.4 | 63.7 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 64.5 |
| ≥ 14000 | 53.2 | 61.5 | 63.2 | 63.6 | 63.6 | 63.8 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.6 |
| ≥ 12000 | 53.9 | 62.4 | 64.0 | 64.4 | 64.4 | 64.6 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 65.5 |
| ≥ 10000 | 55.6 | 64.3 | 65.9 | 66.3 | 66.3 | 66.5 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 67.4 |
| ≥ 9000 | 56.6 | 65.4 | 67.0 | 67.4 | 67.4 | 67.6 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 68.5 |
| ≥ 8000 | 57.2 | 66.4 | 68.3 | 68.8 | 68.8 | 69.1 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.9 |
| ≥ 7000 | 58.5 | 67.9 | 69.8 | 70.3 | 70.4 | 70.6 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 71.4 |
| ≥ 6000 | 58.7 | 68.1 | 70.0 | 70.5 | 70.6 | 70.8 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.7 |
| ≥ 5000 | 58.9 | 68.5 | 70.4 | 71.1 | 71.2 | 71.4 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 72.3 |
| ≥ 4500 | 59.3 | 68.8 | 70.7 | 71.4 | 71.6 | 71.8 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.6 |
| ≥ 4000 | 59.9 | 69.4 | 71.3 | 72.0 | 72.2 | 72.4 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 73.2 |
| ≥ 3500 | 60.8 | 70.4 | 72.3 | 73.0 | 73.1 | 73.4 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 74.2 |
| ≥ 3000 | 62.1 | 71.9 | 73.8 | 74.6 | 74.7 | 74.9 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.7 |
| ≥ 2500 | 63.1 | 73.2 | 75.1 | 75.9 | 76.0 | 76.2 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 77.1 |
| ≥ 2000 | 64.5 | 75.3 | 77.3 | 78.0 | 78.1 | 78.4 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 79.2 |
| ≥ 1800 | 64.6 | 75.9 | 78.0 | 78.7 | 78.9 | 79.1 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.9 |
| ≥ 1500 | 66.2 | 77.7 | 80.0 | 80.8 | 80.9 | 81.1 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 82.0 |
| ≥ 1200 | 68.3 | 81.1 | 84.0 | 84.8 | 85.1 | 85.3 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 86.3 |
| ≥ 1000 | 68.7 | 82.7 | 85.7 | 86.9 | 87.1 | 87.5 | 87.7 | 87.7 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 88.5 |
| ≥ 900 | 69.1 | 83.6 | 86.6 | 87.8 | 88.1 | 88.4 | 88.6 | 88.6 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 89.0 |
| ≥ 800 | 69.4 | 84.7 | 87.7 | 89.1 | 89.5 | 89.8 | 90.1 | 90.1 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.3 |
| ≥ 700 | 70.0 | 85.9 | 89.0 | 90.4 | 90.9 | 91.3 | 91.6 | 91.6 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 92.0 |
| ≥ 600 | 70.0 | 86.4 | 89.7 | 91.3 | 91.8 | 92.1 | 92.6 | 92.7 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.9 |
| ≥ 500 | 70.0 | 86.4 | 90.3 | 92.1 | 92.7 | 93.2 | 93.8 | 93.9 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 95.3 |
| ≥ 400 | 70.1 | 86.6 | 90.8 | 92.6 | 93.2 | 93.8 | 94.5 | 95.0 | 95.5 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 96.5 |
| ≥ 300 | 70.1 | 86.6 | 91.2 | 93.0 | 93.7 | 94.4 | 95.5 | 95.9 | 96.5 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 97.0 |
| ≥ 200 | 70.1 | 86.6 | 91.2 | 93.0 | 93.7 | 94.4 | 95.7 | 96.3 | 96.9 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 98.0 |
| ≥ 100 | 70.1 | 86.6 | 91.3 | 93.1 | 93.8 | 94.5 | 95.8 | 96.5 | 97.1 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 98.7 |
| ≥ 0 | 70.1 | 86.6 | 91.3 | 93.1 | 93.8 | 94.5 | 95.8 | 96.5 | 97.1 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 99.3 |

TOTAL NUMBER OF OBSERVATIONS 837

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03933
STATION

FORT HOOD TEXAS/FORT HOOD AAF
STATION NAME

61-67
YEARS

11CT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1.4 | ≥1 | ≥.9 | ≥.8 | ≥.7 | ≥.6 | ≥.5 | ≥0 |
| NO CEILING | 54.4 | 58.8 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 57.3 |
| ≥ 20000 | 57.7 | 62.7 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 61.2 |
| ≥ 18000 | 57.7 | 62.7 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.2 |
| ≥ 16000 | 57.7 | 62.7 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.2 |
| ≥ 14000 | 58.1 | 63.2 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.7 |
| ≥ 12000 | 58.9 | 64.2 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.6 |
| ≥ 10000 | 61.4 | 66.8 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.3 |
| ≥ 9000 | 62.7 | 68.1 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.6 |
| ≥ 8000 | 64.4 | 70.0 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.5 |
| ≥ 7000 | 64.9 | 70.5 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 71.0 |
| ≥ 6000 | 65.0 | 70.6 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.1 |
| ≥ 5000 | 65.5 | 71.1 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.6 |
| ≥ 4500 | 65.5 | 71.1 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.6 |
| ≥ 4000 | 65.7 | 71.3 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.8 |
| ≥ 3500 | 66.3 | 71.9 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.4 |
| ≥ 3000 | 67.4 | 73.0 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.5 |
| ≥ 2500 | 69.9 | 75.7 | 76.2 | 76.2 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.5 |
| ≥ 2000 | 72.4 | 78.5 | 79.0 | 79.1 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.3 |
| ≥ 1800 | 73.5 | 79.8 | 80.3 | 80.4 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.6 |
| ≥ 1500 | 76.3 | 83.0 | 83.6 | 83.8 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 84.0 |
| ≥ 1200 | 80.9 | 88.3 | 89.1 | 89.4 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.7 |
| ≥ 1000 | 81.7 | 90.0 | 91.0 | 91.4 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 92.0 |
| ≥ 900 | 81.8 | 90.9 | 92.2 | 92.6 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.2 |
| ≥ 800 | 82.2 | 91.6 | 93.2 | 93.5 | 94.0 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.3 |
| ≥ 700 | 82.3 | 92.1 | 94.0 | 94.4 | 94.9 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.1 |
| ≥ 600 | 82.3 | 92.6 | 94.5 | 95.0 | 95.7 | 95.9 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.2 |
| ≥ 500 | 82.3 | 93.1 | 95.1 | 95.9 | 96.9 | 97.1 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.7 |
| ≥ 400 | 82.3 | 93.1 | 95.2 | 96.4 | 97.6 | 97.8 | 98.4 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.8 |
| ≥ 300 | 82.3 | 93.1 | 95.2 | 96.5 | 97.7 | 98.1 | 98.7 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.3 |
| ≥ 200 | 82.3 | 93.1 | 95.2 | 96.5 | 97.7 | 98.1 | 98.8 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.6 |
| ≥ 100 | 82.3 | 93.1 | 95.2 | 96.5 | 97.7 | 98.1 | 98.8 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.8 |
| ≥ 0 | 82.3 | 93.1 | 95.2 | 96.5 | 97.7 | 98.1 | 98.8 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 837

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03933
STATION

FORT HOOD TEXAS/FORT HOOD AAF
STATION NAME

61-69
YEARS

1
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ¾ | ¾ | ¾ | ¾ | ≥5/16 | ≥¼ |
| NO CEILING | 62.8 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 |
| ≥20000 | 66.9 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 |
| ≥18000 | 66.9 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 |
| ≥16000 | 66.9 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 |
| ≥14000 | 68.0 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 |
| ≥12000 | 68.9 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 |
| ≥10000 | 70.7 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 |
| ≥9000 | 72.6 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 |
| ≥8000 | 74.8 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 |
| ≥7000 | 75.9 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 |
| ≥6000 | 76.0 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 |
| ≥5000 | 76.0 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 |
| ≥4500 | 76.3 | 76.9 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 |
| ≥4000 | 77.5 | 78.1 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 |
| ≥3500 | 80.4 | 81.0 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 |
| ≥3000 | 83.8 | 84.3 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 |
| ≥2500 | 87.8 | 88.8 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 |
| ≥2000 | 91.0 | 91.8 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 |
| ≥1800 | 91.4 | 92.7 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| ≥1500 | 92.2 | 94.0 | 94.6 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| ≥1200 | 93.2 | 95.5 | 96.5 | 96.7 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥1000 | 93.7 | 95.9 | 97.1 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥900 | 93.8 | 96.2 | 97.4 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| ≥800 | 93.9 | 96.5 | 97.7 | 97.8 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥700 | 94.1 | 97.1 | 98.3 | 98.4 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥600 | 94.3 | 97.5 | 98.7 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥500 | 94.3 | 97.7 | 99.2 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥400 | 94.3 | 97.8 | 99.3 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥300 | 94.4 | 97.8 | 99.3 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥200 | 94.3 | 97.8 | 99.3 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥100 | 94.3 | 97.8 | 99.3 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥0 | 94.3 | 97.8 | 99.3 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |

TOTAL NUMBER OF OBSERVATIONS 837

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

03933
STATION

FORT HUDD TEXAS/FORT HUDD AAF
STATION NAME

61-69
YEARS

1500-1700
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 68.1 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 |
| ≥ 20000 | 73.8 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 |
| ≥ 18000 | 73.8 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 |
| ≥ 16000 | 73.8 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 |
| ≥ 14000 | 74.9 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 |
| ≥ 12000 | 77.3 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| ≥ 10000 | 78.5 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 |
| ≥ 9000 | 79.8 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 |
| ≥ 8000 | 81.8 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 |
| ≥ 7000 | 82.9 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 |
| ≥ 6000 | 83.3 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 |
| ≥ 5000 | 83.9 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 |
| ≥ 4500 | 84.7 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 |
| ≥ 4000 | 87.3 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 |
| ≥ 3500 | 89.7 | 90.3 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 |
| ≥ 3000 | 91.8 | 92.7 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 |
| ≥ 2500 | 92.5 | 93.7 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 |
| ≥ 2000 | 93.8 | 95.6 | 95.7 | 95.7 | 95.8 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 |
| ≥ 1800 | 93.9 | 95.7 | 95.8 | 95.8 | 95.9 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 1500 | 94.4 | 96.3 | 96.5 | 96.5 | 96.7 | 96.8 | 96.8 | 96.8 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| ≥ 1200 | 94.6 | 96.8 | 97.1 | 97.1 | 97.3 | 97.4 | 97.4 | 97.4 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| ≥ 1000 | 95.1 | 97.4 | 97.7 | 97.7 | 97.8 | 98.0 | 98.0 | 98.0 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 900 | 95.1 | 97.4 | 97.7 | 97.7 | 97.8 | 98.0 | 98.0 | 98.0 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 800 | 95.2 | 97.5 | 98.0 | 98.0 | 98.1 | 98.2 | 98.2 | 98.2 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 700 | 95.5 | 97.8 | 98.3 | 98.3 | 98.4 | 98.6 | 98.6 | 98.6 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 600 | 95.6 | 98.0 | 98.4 | 98.4 | 98.6 | 98.7 | 98.7 | 98.7 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 500 | 95.8 | 98.4 | 99.0 | 99.2 | 99.3 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 400 | 95.8 | 98.6 | 99.4 | 99.5 | 99.6 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 95.8 | 98.6 | 99.4 | 99.5 | 99.6 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 95.8 | 98.6 | 99.4 | 99.5 | 99.6 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 95.8 | 98.6 | 99.4 | 99.5 | 99.6 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 95.8 | 98.6 | 99.4 | 99.5 | 99.6 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

837

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03933
STATION

FORT HOOD TEXAS/FORT HOOD AAF
STATION NAME

61-69
YEARS

10 T
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 73.1 | 74.6 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 |
| ≥ 20000 | 79.2 | 80.9 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 |
| ≥ 18000 | 79.2 | 80.9 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 |
| ≥ 16000 | 79.2 | 80.9 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 |
| ≥ 14000 | 79.2 | 80.9 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 |
| ≥ 12000 | 81.2 | 82.9 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 |
| ≥ 10000 | 82.7 | 84.3 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 |
| ≥ 9000 | 83.5 | 85.2 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 |
| ≥ 8000 | 84.7 | 86.4 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 |
| ≥ 7000 | 84.8 | 86.5 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 |
| ≥ 6000 | 85.8 | 87.6 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| ≥ 5000 | 86.9 | 88.6 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 |
| ≥ 4500 | 87.5 | 89.2 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 |
| ≥ 4000 | 89.5 | 91.5 | 91.6 | 91.6 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 |
| ≥ 3500 | 91.4 | 93.7 | 93.8 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |
| ≥ 3000 | 92.0 | 94.3 | 94.4 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| ≥ 2500 | 92.2 | 94.5 | 94.6 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 |
| ≥ 2000 | 92.7 | 95.1 | 95.2 | 95.7 | 95.7 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| ≥ 1800 | 93.2 | 95.6 | 95.7 | 96.2 | 96.2 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| ≥ 1500 | 93.4 | 95.8 | 95.9 | 96.4 | 96.4 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| ≥ 1200 | 93.9 | 96.4 | 96.5 | 97.1 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 1000 | 94.1 | 96.7 | 96.8 | 97.5 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| ≥ 900 | 94.5 | 97.1 | 97.3 | 98.0 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 800 | 94.5 | 97.3 | 97.4 | 98.1 | 98.2 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 700 | 94.9 | 97.6 | 97.7 | 98.4 | 98.6 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 600 | 94.9 | 97.6 | 97.7 | 98.4 | 98.6 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 500 | 94.9 | 97.7 | 97.8 | 98.8 | 98.9 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 400 | 94.9 | 97.7 | 98.0 | 99.0 | 99.3 | 99.4 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 300 | 94.9 | 97.7 | 98.0 | 99.0 | 99.4 | 99.5 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 200 | 94.9 | 97.7 | 98.0 | 99.0 | 99.4 | 99.5 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 100 | 94.9 | 97.7 | 98.0 | 99.0 | 99.4 | 99.5 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 0 | 94.9 | 97.7 | 98.0 | 99.0 | 99.4 | 99.5 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |

TOTAL NUMBER OF OBSERVATIONS 837

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

03933
STATION

FORT HOOD TEXAS/FORT HOOD AAF
STATION NAME

61-69
YEARS

11CT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 74.3 | 76.7 | 76.9 | 76.9 | 77.1 | 77.1 | 77.2 | 77.2 | 77.2 | 77.3 | 77.3 | 77.3 | 77.4 | 77.4 | 77.4 | 77.4 |
| ≥ 20000 | 79.0 | 81.4 | 81.6 | 81.6 | 81.7 | 81.7 | 81.8 | 81.8 | 81.8 | 82.0 | 82.0 | 82.0 | 82.1 | 82.1 | 82.1 | 82.1 |
| ≥ 18000 | 79.0 | 81.4 | 81.6 | 81.6 | 81.7 | 81.7 | 81.8 | 81.8 | 81.8 | 82.0 | 82.0 | 82.0 | 82.1 | 82.1 | 82.1 | 82.1 |
| ≥ 16000 | 79.0 | 81.4 | 81.6 | 81.6 | 81.7 | 81.7 | 81.8 | 81.8 | 81.8 | 82.0 | 82.0 | 82.0 | 82.1 | 82.1 | 82.1 | 82.1 |
| ≥ 14000 | 79.0 | 81.4 | 81.6 | 81.6 | 81.7 | 81.7 | 81.8 | 81.8 | 81.8 | 82.0 | 82.0 | 82.0 | 82.1 | 82.1 | 82.1 | 82.1 |
| ≥ 12000 | 79.8 | 82.2 | 82.4 | 82.4 | 82.6 | 82.6 | 82.7 | 82.7 | 82.7 | 82.8 | 82.8 | 82.8 | 82.9 | 82.9 | 82.9 | 82.9 |
| ≥ 10000 | 81.5 | 83.9 | 84.1 | 84.1 | 84.2 | 84.2 | 84.3 | 84.3 | 84.3 | 84.5 | 84.5 | 84.5 | 84.6 | 84.6 | 84.6 | 84.6 |
| ≥ 9000 | 82.2 | 84.6 | 84.8 | 84.8 | 84.9 | 84.9 | 85.1 | 85.1 | 85.1 | 85.2 | 85.2 | 85.2 | 85.3 | 85.3 | 85.3 | 85.3 |
| ≥ 8000 | 83.2 | 85.5 | 85.8 | 85.8 | 85.9 | 85.9 | 86.0 | 86.0 | 86.0 | 86.1 | 86.1 | 86.1 | 86.3 | 86.3 | 86.3 | 86.3 |
| ≥ 7000 | 83.6 | 86.0 | 86.3 | 86.3 | 86.4 | 86.4 | 86.5 | 86.5 | 86.5 | 86.6 | 86.6 | 86.6 | 86.7 | 86.7 | 86.7 | 86.7 |
| ≥ 6000 | 83.9 | 86.3 | 86.5 | 86.5 | 86.6 | 86.6 | 86.7 | 86.7 | 86.7 | 86.9 | 86.9 | 86.9 | 87.0 | 87.0 | 87.0 | 87.0 |
| ≥ 5000 | 84.3 | 86.7 | 87.0 | 87.0 | 87.1 | 87.1 | 87.2 | 87.2 | 87.2 | 87.3 | 87.3 | 87.3 | 87.5 | 87.5 | 87.5 | 87.5 |
| ≥ 4500 | 84.3 | 86.7 | 87.0 | 87.0 | 87.1 | 87.1 | 87.2 | 87.2 | 87.2 | 87.3 | 87.3 | 87.3 | 87.5 | 87.5 | 87.5 | 87.5 |
| ≥ 4000 | 85.1 | 87.8 | 88.2 | 88.3 | 88.5 | 88.5 | 88.6 | 88.6 | 88.6 | 88.8 | 88.8 | 88.8 | 88.9 | 88.9 | 88.9 | 88.9 |
| ≥ 3500 | 85.9 | 88.9 | 89.2 | 89.4 | 89.6 | 89.6 | 89.7 | 89.7 | 89.7 | 89.8 | 89.8 | 89.8 | 90.0 | 90.0 | 90.0 | 90.0 |
| ≥ 3000 | 86.6 | 89.6 | 90.0 | 90.3 | 90.6 | 90.6 | 90.7 | 90.7 | 90.7 | 90.8 | 90.8 | 90.8 | 90.9 | 90.9 | 90.9 | 90.9 |
| ≥ 2500 | 87.5 | 90.4 | 90.8 | 91.2 | 91.4 | 91.4 | 91.5 | 91.5 | 91.5 | 91.6 | 91.6 | 91.6 | 91.8 | 91.8 | 91.8 | 91.8 |
| ≥ 2000 | 88.9 | 92.0 | 92.4 | 92.8 | 93.1 | 93.1 | 93.2 | 93.2 | 93.2 | 93.3 | 93.3 | 93.3 | 93.4 | 93.4 | 93.4 | 93.4 |
| ≥ 1800 | 89.6 | 92.7 | 93.1 | 93.5 | 93.8 | 93.8 | 93.9 | 93.9 | 93.9 | 94.0 | 94.0 | 94.0 | 94.1 | 94.1 | 94.1 | 94.1 |
| ≥ 1500 | 90.7 | 93.8 | 94.1 | 94.6 | 94.9 | 94.9 | 95.0 | 95.0 | 95.0 | 95.1 | 95.1 | 95.1 | 95.2 | 95.2 | 95.2 | 95.2 |
| ≥ 1200 | 91.6 | 95.0 | 95.5 | 95.9 | 96.2 | 96.2 | 96.3 | 96.3 | 96.3 | 96.4 | 96.4 | 96.4 | 96.5 | 96.5 | 96.5 | 96.5 |
| ≥ 1000 | 91.9 | 95.3 | 95.9 | 96.4 | 96.7 | 96.7 | 96.8 | 96.8 | 96.8 | 96.9 | 96.9 | 96.9 | 97.0 | 97.0 | 97.0 | 97.0 |
| ≥ 900 | 92.4 | 95.8 | 96.4 | 96.9 | 97.1 | 97.1 | 97.3 | 97.3 | 97.3 | 97.4 | 97.4 | 97.4 | 97.5 | 97.5 | 97.5 | 97.5 |
| ≥ 800 | 92.7 | 96.2 | 96.9 | 97.5 | 98.0 | 98.0 | 98.1 | 98.1 | 98.1 | 98.2 | 98.2 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 700 | 92.7 | 96.2 | 96.9 | 97.5 | 98.0 | 98.0 | 98.1 | 98.1 | 98.1 | 98.2 | 98.2 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 600 | 92.7 | 96.2 | 96.9 | 97.5 | 98.0 | 98.0 | 98.1 | 98.1 | 98.1 | 98.2 | 98.2 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 500 | 92.7 | 96.3 | 97.4 | 98.1 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 400 | 92.7 | 96.3 | 97.5 | 98.4 | 99.0 | 99.0 | 99.2 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 300 | 92.7 | 96.3 | 97.5 | 98.4 | 99.0 | 99.0 | 99.2 | 99.3 | 99.3 | 99.4 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 200 | 92.7 | 96.3 | 97.5 | 98.4 | 99.0 | 99.0 | 99.2 | 99.3 | 99.3 | 99.4 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 100 | 92.7 | 96.3 | 97.5 | 98.4 | 99.0 | 99.0 | 99.2 | 99.3 | 99.3 | 99.4 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 0 | 92.7 | 96.3 | 97.5 | 98.4 | 99.0 | 99.0 | 99.2 | 99.3 | 99.3 | 99.4 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 |

TOTAL NUMBER OF OBSERVATIONS 837

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03933
STATION

FORT HOOD TEXAS/FORT HOOD AAF
STATION NAME

61-69
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (EST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ¾ | ¾ | ¾ | ¾ | ≥5/16 | ≥¼ |
| NO CEILING | 62.5 | 63.3 | 63.8 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.1 | 64.2 |
| ≥ 20000 | 65.2 | 66.0 | 66.5 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.8 | 66.9 |
| ≥ 18000 | 65.2 | 66.0 | 66.5 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.8 | 66.9 |
| ≥ 16000 | 65.2 | 66.0 | 66.5 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.8 | 66.9 |
| ≥ 14000 | 65.2 | 66.0 | 66.5 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.8 | 66.9 |
| ≥ 12000 | 65.9 | 66.9 | 67.5 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.8 | 67.9 |
| ≥ 10000 | 66.7 | 67.7 | 68.3 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.5 | 68.6 |
| ≥ 9000 | 66.9 | 68.1 | 68.8 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 69.0 | 69.1 |
| ≥ 8000 | 67.4 | 68.8 | 69.4 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.6 | 69.8 |
| ≥ 7000 | 68.3 | 69.8 | 70.4 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.6 | 70.7 |
| ≥ 6000 | 69.1 | 70.6 | 71.2 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.5 | 71.6 |
| ≥ 5000 | 70.2 | 71.9 | 72.5 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.7 | 72.8 |
| ≥ 4500 | 71.0 | 72.6 | 73.2 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.5 | 73.6 |
| ≥ 4000 | 72.0 | 74.2 | 74.8 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.2 | 75.3 |
| ≥ 3500 | 73.7 | 76.4 | 77.0 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.4 | 77.5 |
| ≥ 3000 | 74.4 | 77.4 | 78.1 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.5 | 78.6 |
| ≥ 2500 | 75.9 | 79.3 | 80.0 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.4 | 80.5 |
| ≥ 2000 | 78.0 | 81.5 | 82.3 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.7 | 82.8 |
| ≥ 1800 | 78.7 | 82.3 | 83.2 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.6 | 83.7 |
| ≥ 1500 | 80.6 | 84.9 | 85.8 | 86.0 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.3 | 86.4 |
| ≥ 1200 | 82.5 | 87.7 | 88.5 | 88.8 | 88.9 | 88.9 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.1 | 89.3 |
| ≥ 1000 | 83.7 | 89.4 | 90.2 | 90.5 | 90.7 | 90.7 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 91.0 | 91.1 |
| ≥ 900 | 84.4 | 90.4 | 91.4 | 91.7 | 92.0 | 92.0 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.2 | 92.3 |
| ≥ 800 | 85.1 | 91.1 | 92.1 | 92.5 | 92.7 | 92.7 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 93.0 | 93.1 |
| ≥ 700 | 85.0 | 92.3 | 93.5 | 93.8 | 94.1 | 94.1 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.3 | 94.4 |
| ≥ 600 | 85.6 | 92.7 | 94.0 | 94.3 | 94.7 | 94.7 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.9 | 95.1 |
| ≥ 500 | 85.6 | 92.8 | 94.7 | 95.6 | 95.9 | 95.9 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.2 | 96.3 |
| ≥ 400 | 85.6 | 92.8 | 94.8 | 95.9 | 96.7 | 96.7 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.9 | 97.0 |
| ≥ 300 | 85.6 | 93.2 | 95.4 | 96.7 | 97.5 | 97.5 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.3 | 98.4 |
| ≥ 200 | 85.6 | 93.3 | 95.6 | 96.8 | 97.7 | 97.7 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.8 | 99.0 |
| ≥ 100 | 85.6 | 93.3 | 95.6 | 96.8 | 97.7 | 97.7 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.9 | 99.4 |
| ≥ 0 | 85.6 | 93.3 | 95.6 | 96.8 | 97.7 | 97.7 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 99.3 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 810

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03933
STATION

FORT HOOD TEXAS/FORT HOOD AAF
STATION NAME

61-67
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ¾ | ¾ | ¾ | ¾ | ≥5/16 | ≥0 |
| NO CEILING | 54.9 | 56.5 | 57.2 | 57.3 | 57.4 | 57.5 | 57.5 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.8 | 57.8 | 57.9 |
| ≥ 20000 | 56.0 | 57.8 | 58.4 | 58.5 | 58.6 | 58.8 | 58.8 | 58.9 | 58.9 | 59.0 | 59.0 | 59.0 | 59.0 | 59.1 | 59.1 | 59.3 |
| ≥ 18000 | 56.0 | 57.8 | 58.4 | 58.5 | 58.6 | 58.8 | 58.8 | 58.9 | 58.9 | 59.0 | 59.0 | 59.0 | 59.0 | 59.1 | 59.1 | 59.3 |
| ≥ 16000 | 56.3 | 58.0 | 58.6 | 58.8 | 58.9 | 59.0 | 59.0 | 59.1 | 59.1 | 59.3 | 59.3 | 59.3 | 59.3 | 59.4 | 59.4 | 59.5 |
| ≥ 14000 | 56.3 | 58.0 | 58.6 | 58.8 | 58.9 | 59.0 | 59.0 | 59.1 | 59.1 | 59.3 | 59.3 | 59.3 | 59.3 | 59.4 | 59.4 | 59.5 |
| ≥ 12000 | 56.9 | 58.9 | 59.5 | 59.6 | 59.8 | 59.9 | 59.9 | 60.0 | 60.0 | 60.1 | 60.1 | 60.1 | 60.1 | 60.2 | 60.2 | 60.4 |
| ≥ 10000 | 58.4 | 60.4 | 61.0 | 61.1 | 61.2 | 61.4 | 61.4 | 61.5 | 61.5 | 61.6 | 61.6 | 61.6 | 61.6 | 61.7 | 61.7 | 61.9 |
| ≥ 9000 | 58.9 | 60.9 | 61.5 | 61.6 | 61.7 | 61.9 | 61.9 | 62.0 | 62.0 | 62.1 | 62.1 | 62.1 | 62.1 | 62.2 | 62.2 | 62.3 |
| ≥ 8000 | 59.1 | 61.1 | 61.7 | 61.9 | 62.0 | 62.1 | 62.1 | 62.2 | 62.2 | 62.3 | 62.3 | 62.3 | 62.3 | 62.5 | 62.5 | 62.6 |
| ≥ 7000 | 60.4 | 62.7 | 63.3 | 63.5 | 63.6 | 63.7 | 63.7 | 63.8 | 63.8 | 64.0 | 64.0 | 64.0 | 64.0 | 64.1 | 64.1 | 64.2 |
| ≥ 6000 | 61.2 | 63.7 | 64.3 | 64.4 | 64.6 | 64.7 | 64.7 | 64.8 | 64.8 | 64.9 | 64.9 | 64.9 | 64.9 | 65.1 | 65.1 | 65.2 |
| ≥ 5000 | 62.7 | 65.3 | 65.9 | 66.0 | 66.2 | 66.3 | 66.3 | 66.4 | 66.4 | 66.5 | 66.5 | 66.5 | 66.5 | 66.7 | 66.7 | 66.8 |
| ≥ 4500 | 62.8 | 65.6 | 66.2 | 66.3 | 66.4 | 66.5 | 66.5 | 66.7 | 66.7 | 66.8 | 66.8 | 66.8 | 66.8 | 66.9 | 66.9 | 67.0 |
| ≥ 4000 | 63.6 | 67.0 | 67.7 | 67.9 | 68.0 | 68.1 | 68.1 | 68.3 | 68.3 | 68.4 | 68.4 | 68.4 | 68.4 | 68.5 | 68.5 | 68.6 |
| ≥ 3500 | 64.9 | 68.5 | 69.1 | 69.4 | 69.5 | 69.6 | 69.6 | 69.8 | 69.8 | 69.9 | 69.9 | 69.9 | 69.9 | 70.0 | 70.0 | 70.1 |
| ≥ 3000 | 66.8 | 70.5 | 71.2 | 71.5 | 71.6 | 71.7 | 71.7 | 71.9 | 71.9 | 72.0 | 72.0 | 72.0 | 72.0 | 72.1 | 72.1 | 72.2 |
| ≥ 2500 | 69.3 | 71.2 | 74.0 | 74.2 | 74.3 | 74.4 | 74.4 | 74.6 | 74.6 | 74.7 | 74.7 | 74.7 | 74.7 | 74.8 | 74.8 | 74.9 |
| ≥ 2000 | 71.0 | 75.1 | 75.8 | 76.0 | 76.2 | 76.3 | 76.3 | 76.4 | 76.4 | 76.5 | 76.5 | 76.5 | 76.5 | 76.7 | 76.7 | 76.8 |
| ≥ 1600 | 72.8 | 77.4 | 78.4 | 78.5 | 78.9 | 79.0 | 79.0 | 79.1 | 79.1 | 79.3 | 79.3 | 79.3 | 79.3 | 79.4 | 79.4 | 79.5 |
| ≥ 1500 | 74.2 | 79.4 | 80.4 | 80.9 | 81.0 | 81.1 | 81.1 | 81.2 | 81.2 | 81.4 | 81.4 | 81.4 | 81.4 | 81.5 | 81.5 | 81.6 |
| ≥ 1200 | 77.0 | 83.2 | 84.2 | 84.7 | 84.9 | 85.2 | 85.2 | 85.4 | 85.4 | 85.6 | 85.6 | 85.6 | 85.6 | 85.7 | 85.7 | 85.8 |
| ≥ 1000 | 78.3 | 84.8 | 86.0 | 86.8 | 87.0 | 87.3 | 87.3 | 87.5 | 87.5 | 87.7 | 87.7 | 87.7 | 87.7 | 87.8 | 87.8 | 87.9 |
| ≥ 900 | 79.5 | 86.5 | 87.8 | 88.5 | 88.8 | 89.0 | 89.1 | 89.3 | 89.3 | 89.4 | 89.4 | 89.4 | 89.4 | 89.5 | 89.5 | 89.6 |
| ≥ 800 | 79.9 | 87.3 | 89.0 | 89.8 | 90.0 | 90.2 | 90.5 | 90.6 | 90.6 | 90.7 | 90.7 | 90.7 | 90.7 | 90.9 | 90.9 | 91.0 |
| ≥ 700 | 80.4 | 88.3 | 90.1 | 90.9 | 91.1 | 91.4 | 91.6 | 91.7 | 91.7 | 91.9 | 91.9 | 91.9 | 91.9 | 92.0 | 92.0 | 92.1 |
| ≥ 600 | 80.4 | 88.8 | 90.7 | 91.5 | 91.9 | 92.1 | 92.3 | 92.4 | 92.5 | 92.6 | 92.6 | 92.6 | 92.6 | 92.7 | 92.7 | 92.8 |
| ≥ 500 | 80.5 | 89.3 | 91.4 | 92.3 | 92.7 | 93.0 | 93.3 | 93.5 | 93.5 | 93.6 | 93.6 | 93.6 | 93.6 | 93.7 | 93.7 | 93.8 |
| ≥ 400 | 80.6 | 89.6 | 92.2 | 93.6 | 94.2 | 94.4 | 94.8 | 95.1 | 95.1 | 95.2 | 95.2 | 95.2 | 95.2 | 95.3 | 95.3 | 95.4 |
| ≥ 300 | 80.6 | 89.8 | 92.7 | 94.2 | 94.9 | 95.2 | 95.9 | 96.3 | 96.3 | 96.4 | 96.4 | 96.4 | 96.4 | 96.5 | 96.5 | 96.7 |
| ≥ 200 | 80.6 | 89.8 | 92.7 | 94.2 | 95.2 | 95.4 | 96.2 | 96.8 | 96.8 | 97.2 | 97.3 | 97.3 | 97.3 | 97.4 | 97.4 | 97.5 |
| ≥ 100 | 80.6 | 89.8 | 92.7 | 94.2 | 95.3 | 95.6 | 96.3 | 97.3 | 97.3 | 97.5 | 97.8 | 98.1 | 98.3 | 98.5 | 98.5 | 98.6 |
| ≥ 0 | 80.6 | 89.8 | 92.7 | 94.2 | 95.3 | 95.6 | 96.3 | 97.3 | 97.5 | 97.8 | 98.1 | 98.3 | 98.5 | 98.5 | 98.6 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 810

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

03933
STATION

FORT HOOD TEXAS/FORT HOOD AAF
STATION NAME

60-69
YEARS

11 11
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0900
HOURS (EST.)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥⅓ | ≥⅒ | ≥0 |
| NO CEILING | 39.6 | 45.8 | 47.0 | 47.4 | 47.9 | 48.0 | 48.8 | 48.9 | 48.9 | 49.2 | 49.3 | 49.3 | 49.5 | 49.6 | 49.7 | 51.4 |
| ≥ 20000 | 42.7 | 49.8 | 51.1 | 51.4 | 52.0 | 52.2 | 53.1 | 53.2 | 53.2 | 53.4 | 53.5 | 53.5 | 53.7 | 53.8 | 54.1 | 55.1 |
| ≥ 18000 | 42.7 | 49.8 | 51.1 | 51.4 | 52.0 | 52.2 | 53.1 | 53.2 | 53.2 | 53.4 | 53.5 | 53.5 | 53.7 | 53.8 | 54.1 | 55.0 |
| ≥ 16000 | 42.7 | 49.8 | 51.1 | 51.4 | 52.0 | 52.2 | 53.1 | 53.2 | 53.2 | 53.4 | 53.5 | 53.5 | 53.7 | 53.8 | 54.1 | 55.0 |
| ≥ 14000 | 42.7 | 49.8 | 51.1 | 51.4 | 52.0 | 52.2 | 53.1 | 53.2 | 53.2 | 53.4 | 53.5 | 53.5 | 53.7 | 53.8 | 54.1 | 55.0 |
| ≥ 12000 | 43.0 | 50.4 | 51.6 | 52.0 | 52.5 | 52.7 | 53.6 | 53.7 | 53.7 | 54.0 | 54.1 | 54.1 | 54.3 | 54.4 | 54.6 | 55.5 |
| ≥ 10000 | 44.0 | 52.1 | 53.3 | 53.6 | 54.2 | 54.4 | 55.3 | 55.4 | 55.4 | 55.6 | 55.7 | 55.7 | 56.0 | 56.1 | 56.3 | 57.2 |
| ≥ 9000 | 44.6 | 52.6 | 53.8 | 54.2 | 54.7 | 55.0 | 55.9 | 56.0 | 56.0 | 56.2 | 56.3 | 56.3 | 56.5 | 56.6 | 56.9 | 57.7 |
| ≥ 8000 | 45.4 | 53.5 | 54.7 | 55.1 | 55.6 | 55.9 | 56.7 | 56.9 | 56.9 | 57.1 | 57.2 | 57.2 | 57.4 | 57.5 | 57.7 | 58.6 |
| ≥ 7000 | 46.5 | 55.1 | 56.3 | 56.6 | 57.2 | 57.4 | 58.3 | 58.4 | 58.4 | 58.6 | 58.8 | 58.8 | 59.0 | 59.1 | 59.3 | 60.2 |
| ≥ 6000 | 47.5 | 56.9 | 58.1 | 58.4 | 59.0 | 59.2 | 60.1 | 60.2 | 60.2 | 60.4 | 60.5 | 60.5 | 60.8 | 60.9 | 61.1 | 62.1 |
| ≥ 5000 | 48.5 | 58.3 | 59.6 | 60.0 | 60.5 | 60.8 | 61.6 | 61.8 | 61.8 | 62.0 | 62.1 | 62.1 | 62.3 | 62.4 | 62.7 | 63.7 |
| ≥ 4500 | 49.3 | 59.1 | 60.4 | 60.8 | 61.3 | 61.5 | 62.4 | 62.5 | 62.5 | 62.8 | 62.9 | 62.9 | 63.1 | 63.2 | 63.4 | 64.4 |
| ≥ 4000 | 49.8 | 60.0 | 61.3 | 61.8 | 62.3 | 62.5 | 63.4 | 63.5 | 63.5 | 63.8 | 63.9 | 63.9 | 64.1 | 64.2 | 64.4 | 65.4 |
| ≥ 3500 | 50.8 | 61.4 | 63.0 | 63.4 | 64.0 | 64.3 | 65.2 | 65.3 | 65.3 | 65.6 | 65.7 | 65.7 | 65.9 | 66.0 | 66.2 | 67.2 |
| ≥ 3000 | 52.7 | 63.7 | 65.2 | 65.8 | 66.3 | 66.7 | 67.6 | 67.7 | 67.7 | 67.9 | 68.0 | 68.0 | 68.2 | 68.3 | 68.6 | 69.6 |
| ≥ 2500 | 54.2 | 65.7 | 67.2 | 67.8 | 68.3 | 68.7 | 69.6 | 69.7 | 69.7 | 69.9 | 70.0 | 70.0 | 70.2 | 70.3 | 70.6 | 71.6 |
| ≥ 2000 | 56.6 | 69.2 | 70.8 | 71.3 | 71.9 | 72.2 | 73.1 | 73.2 | 73.2 | 73.5 | 73.6 | 73.6 | 73.8 | 73.9 | 74.1 | 75.1 |
| ≥ 1800 | 57.9 | 70.6 | 72.1 | 72.7 | 73.2 | 73.6 | 74.5 | 74.6 | 74.6 | 74.8 | 74.9 | 74.9 | 75.1 | 75.3 | 75.5 | 76.5 |
| ≥ 1500 | 58.6 | 71.8 | 73.4 | 74.1 | 74.8 | 75.1 | 76.0 | 76.1 | 76.1 | 76.4 | 76.5 | 76.5 | 76.7 | 76.8 | 77.0 | 78.0 |
| ≥ 1200 | 60.1 | 74.6 | 76.1 | 77.0 | 77.9 | 78.3 | 79.2 | 79.4 | 79.4 | 79.6 | 79.7 | 79.7 | 79.9 | 80.0 | 80.3 | 81.3 |
| ≥ 1000 | 60.5 | 76.3 | 78.1 | 79.0 | 79.9 | 80.3 | 81.2 | 81.4 | 81.5 | 81.7 | 81.8 | 81.8 | 82.1 | 82.2 | 82.4 | 83.4 |
| ≥ 900 | 61.3 | 77.5 | 79.4 | 80.5 | 81.5 | 81.8 | 82.8 | 83.1 | 83.2 | 83.4 | 83.5 | 83.5 | 83.7 | 83.8 | 84.1 | 85.1 |
| ≥ 800 | 61.4 | 78.1 | 80.4 | 81.5 | 82.7 | 83.1 | 84.2 | 84.4 | 84.5 | 84.7 | 84.8 | 84.8 | 85.2 | 85.3 | 85.5 | 86.5 |
| ≥ 700 | 61.8 | 79.4 | 81.9 | 83.2 | 84.4 | 84.7 | 86.1 | 86.3 | 86.4 | 86.6 | 86.8 | 86.8 | 87.2 | 87.3 | 87.5 | 88.5 |
| ≥ 600 | 61.8 | 79.6 | 82.6 | 83.9 | 85.3 | 85.8 | 87.3 | 87.6 | 87.7 | 88.0 | 88.2 | 88.2 | 88.5 | 88.6 | 88.9 | 89.9 |
| ≥ 500 | 61.8 | 80.0 | 83.3 | 84.7 | 86.5 | 87.2 | 88.7 | 89.3 | 89.4 | 89.6 | 89.9 | 89.9 | 90.2 | 90.3 | 90.5 | 91.5 |
| ≥ 400 | 61.9 | 80.6 | 83.9 | 85.4 | 87.4 | 88.4 | 90.2 | 90.7 | 91.0 | 91.2 | 91.4 | 91.4 | 91.9 | 92.0 | 92.2 | 93.2 |
| ≥ 300 | 62.0 | 80.8 | 84.4 | 86.0 | 88.5 | 89.5 | 91.8 | 92.6 | 93.1 | 93.4 | 93.8 | 93.8 | 94.6 | 94.8 | 95.0 | 96.3 |
| ≥ 200 | 62.0 | 80.8 | 84.4 | 86.0 | 88.5 | 89.5 | 91.8 | 92.6 | 93.1 | 93.8 | 94.4 | 94.5 | 95.5 | 95.9 | 96.1 | 97.5 |
| ≥ 100 | 62.0 | 80.8 | 84.4 | 86.0 | 88.5 | 89.5 | 91.8 | 92.8 | 93.2 | 94.0 | 94.8 | 94.9 | 96.1 | 96.4 | 96.9 | 98.8 |
| ≥ 0 | 62.0 | 80.8 | 84.4 | 86.0 | 88.5 | 89.5 | 91.8 | 92.8 | 93.2 | 94.0 | 94.8 | 94.9 | 96.1 | 96.4 | 96.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 897

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03933
STATION

FORT HOOD TEXAS/FORT HOOD AAF
STATION NAME

60-69
YEARS

11
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

210-1100
HOURS (EST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|-------|------|-------|--------|-------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1 | ≥0.5 | ≥0.25 | ≥0.1 | ≥0.05 | ≥0.025 | ≥0.01 | ≥0 |
| NO CEILING | 43.1 | 45.7 | 46.0 | 46.4 | 46.5 | 46.5 | 46.7 | 46.7 | 46.7 | 46.7 | 46.7 | 46.7 | 46.7 | 46.7 | 46.7 | 46.7 |
| ≥ 20000 | 48.8 | 52.0 | 52.3 | 52.6 | 52.7 | 52.7 | 53.0 | 53.1 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.3 | 53.3 |
| ≥ 18000 | 48.8 | 52.0 | 52.3 | 52.6 | 52.7 | 52.7 | 53.0 | 53.1 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.3 | 53.3 |
| ≥ 16000 | 48.8 | 52.0 | 52.3 | 52.6 | 52.7 | 52.7 | 53.0 | 53.1 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.3 | 53.3 |
| ≥ 14000 | 49.4 | 52.5 | 52.8 | 53.2 | 53.3 | 53.3 | 53.5 | 53.6 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.8 | 53.8 |
| ≥ 12000 | 49.4 | 52.7 | 53.1 | 53.4 | 53.5 | 53.5 | 53.7 | 53.8 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.1 | 54.1 |
| ≥ 10000 | 52.0 | 56.1 | 56.4 | 56.7 | 56.9 | 56.9 | 57.2 | 57.3 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.5 | 57.5 |
| ≥ 9000 | 52.5 | 56.7 | 57.1 | 57.4 | 57.5 | 57.5 | 57.9 | 58.0 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.2 | 58.2 |
| ≥ 8000 | 53.7 | 58.5 | 58.9 | 59.2 | 59.3 | 59.3 | 59.6 | 59.8 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 60.0 | 60.0 |
| ≥ 7000 | 55.2 | 60.2 | 60.5 | 60.9 | 61.0 | 61.0 | 61.3 | 61.4 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.6 | 61.6 |
| ≥ 6000 | 56.4 | 61.4 | 61.8 | 62.1 | 62.2 | 62.2 | 62.5 | 62.7 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.9 | 62.9 |
| ≥ 5000 | 57.1 | 62.4 | 62.9 | 63.2 | 63.3 | 63.3 | 63.7 | 63.8 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 64.0 | 64.0 |
| ≥ 4500 | 58.1 | 63.4 | 63.9 | 64.2 | 64.3 | 64.3 | 64.7 | 64.8 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 65.0 | 65.0 |
| ≥ 4000 | 58.6 | 64.1 | 64.5 | 64.9 | 65.0 | 65.0 | 65.3 | 65.4 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.7 | 65.7 |
| ≥ 3500 | 59.9 | 65.3 | 65.9 | 66.2 | 66.3 | 66.3 | 66.7 | 66.8 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 67.0 | 67.0 |
| ≥ 3000 | 60.8 | 66.8 | 67.3 | 68.0 | 68.1 | 68.1 | 68.5 | 68.7 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.9 | 68.9 |
| ≥ 2500 | 62.2 | 68.5 | 69.1 | 69.8 | 69.9 | 69.9 | 70.2 | 70.5 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.7 | 70.7 |
| ≥ 2000 | 65.3 | 72.1 | 72.8 | 73.5 | 73.6 | 73.6 | 73.9 | 74.1 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.4 | 74.4 |
| ≥ 1800 | 67.0 | 74.1 | 74.8 | 75.5 | 75.6 | 75.6 | 75.9 | 76.1 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.4 | 76.4 |
| ≥ 1500 | 68.8 | 76.8 | 77.5 | 78.1 | 78.3 | 78.3 | 78.6 | 78.8 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 79.0 | 79.0 |
| ≥ 1200 | 71.7 | 80.6 | 81.7 | 82.4 | 82.5 | 82.6 | 82.9 | 83.2 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.4 | 83.4 |
| ≥ 1000 | 73.8 | 83.8 | 85.2 | 86.1 | 86.3 | 86.4 | 86.7 | 87.0 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.2 | 87.2 |
| ≥ 900 | 74.4 | 84.9 | 86.6 | 87.5 | 87.7 | 87.8 | 88.3 | 88.5 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.7 | 88.7 |
| ≥ 800 | 74.5 | 85.4 | 87.2 | 88.3 | 88.5 | 88.6 | 89.3 | 89.5 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.7 | 89.7 |
| ≥ 700 | 74.8 | 86.5 | 88.3 | 89.6 | 90.0 | 90.1 | 90.7 | 91.0 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.3 | 91.3 |
| ≥ 600 | 75.3 | 87.1 | 89.1 | 90.9 | 91.5 | 91.6 | 92.4 | 92.6 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 93.0 | 93.0 |
| ≥ 500 | 75.5 | 87.5 | 89.6 | 92.0 | 92.8 | 92.9 | 94.0 | 94.2 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.6 | 94.6 |
| ≥ 400 | 75.6 | 88.0 | 90.2 | 92.5 | 93.5 | 93.9 | 95.5 | 95.8 | 96.2 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.4 | 96.4 |
| ≥ 300 | 75.7 | 88.1 | 90.3 | 92.6 | 93.6 | 94.0 | 95.7 | 96.2 | 97.1 | 97.4 | 97.5 | 97.5 | 97.5 | 97.5 | 97.7 | 97.7 |
| ≥ 200 | 75.7 | 88.1 | 90.3 | 92.6 | 93.6 | 94.0 | 95.8 | 96.4 | 97.3 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 98.0 | 98.0 |
| ≥ 100 | 75.7 | 88.1 | 90.3 | 92.6 | 93.6 | 94.0 | 95.8 | 96.4 | 97.3 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 98.0 | 98.0 |
| ≥ 0 | 75.7 | 88.1 | 90.3 | 92.6 | 93.6 | 94.0 | 95.8 | 96.4 | 97.3 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 98.0 | 98.0 |

TOTAL NUMBER OF OBSERVATIONS 897

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03933
STATION

FORT HOOD TEXAS/FORT HOOD AAF
STATION NAME

60-69
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1500
HOURS (EST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ¾ | ¾ | ¾ | ¾ | ≥1/2 | ≥0 |
| NO CEILING | 48.5 | 49.7 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 |
| ≥ 20000 | 57.7 | 58.9 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 |
| ≥ 18000 | 57.7 | 58.9 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 |
| ≥ 16000 | 57.7 | 58.9 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 |
| ≥ 14000 | 58.6 | 59.8 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 |
| ≥ 12000 | 59.5 | 60.9 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 |
| ≥ 10000 | 62.9 | 64.7 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 |
| ≥ 9000 | 64.0 | 65.8 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 |
| ≥ 8000 | 65.3 | 67.6 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 |
| ≥ 7000 | 66.0 | 68.3 | 68.5 | 68.5 | 68.5 | 68.5 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 |
| ≥ 6000 | 67.2 | 69.6 | 69.7 | 69.7 | 69.7 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 |
| ≥ 5000 | 67.8 | 70.6 | 70.8 | 70.8 | 70.8 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 |
| ≥ 4500 | 67.8 | 70.9 | 71.1 | 71.1 | 71.1 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 |
| ≥ 4000 | 68.3 | 71.7 | 71.9 | 71.9 | 71.9 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 |
| ≥ 3500 | 69.8 | 73.5 | 73.8 | 73.8 | 73.8 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |
| ≥ 3000 | 71.9 | 75.8 | 76.3 | 76.3 | 76.4 | 76.6 | 76.6 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 |
| ≥ 2500 | 75.8 | 79.8 | 80.3 | 80.3 | 80.4 | 80.6 | 80.6 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 |
| ≥ 2000 | 79.1 | 83.4 | 84.0 | 84.0 | 84.1 | 84.3 | 84.3 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 |
| ≥ 1800 | 80.5 | 85.1 | 85.7 | 85.7 | 85.8 | 86.0 | 86.0 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 |
| ≥ 1500 | 81.7 | 87.1 | 87.8 | 87.8 | 87.9 | 88.1 | 88.1 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 |
| ≥ 1200 | 83.7 | 89.7 | 90.5 | 90.5 | 90.6 | 90.8 | 90.8 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 |
| ≥ 1000 | 84.1 | 90.8 | 91.7 | 91.7 | 91.9 | 92.2 | 92.2 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| ≥ 900 | 84.2 | 91.2 | 92.2 | 92.2 | 92.4 | 92.7 | 92.7 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 |
| ≥ 800 | 84.2 | 91.4 | 92.4 | 92.7 | 93.1 | 93.4 | 93.4 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 |
| ≥ 700 | 84.2 | 92.1 | 93.2 | 93.6 | 94.0 | 94.3 | 94.5 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| ≥ 600 | 84.5 | 92.5 | 93.8 | 94.4 | 94.7 | 95.1 | 95.4 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| ≥ 500 | 84.5 | 92.5 | 94.1 | 95.1 | 95.9 | 96.2 | 96.9 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| ≥ 400 | 84.5 | 92.7 | 94.4 | 95.5 | 96.3 | 96.8 | 97.4 | 97.8 | 98.2 | 98.2 | 98.4 | 98.4 | 98.4 | 98.5 | 98.7 | 98.7 |
| ≥ 300 | 84.5 | 92.7 | 94.4 | 95.6 | 96.5 | 97.1 | 97.8 | 98.1 | 98.5 | 98.7 | 99.1 | 99.1 | 99.1 | 99.2 | 99.3 | 99.3 |
| ≥ 200 | 84.5 | 92.7 | 94.5 | 95.7 | 96.6 | 97.2 | 98.0 | 98.5 | 99.0 | 99.1 | 99.6 | 99.6 | 99.6 | 99.7 | 99.8 | 99.8 |
| ≥ 100 | 84.5 | 92.7 | 94.5 | 95.7 | 96.6 | 97.2 | 98.0 | 98.5 | 99.0 | 99.1 | 99.6 | 99.6 | 99.6 | 99.7 | 99.8 | 99.8 |
| ≥ 0 | 84.5 | 92.7 | 94.5 | 95.7 | 96.6 | 97.2 | 98.0 | 98.5 | 99.0 | 99.1 | 99.6 | 99.6 | 99.6 | 99.7 | 99.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

894

USAFETAC

FORM
JUL 64

0-14-5 (OL 1)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03933
STATION

FORT HOOD TEXAS/FORT HOOD AAF
STATION NAME

60-69
YEARS

N. IV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (EST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 55.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 |
| ≥ 20000 | 65.2 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 |
| ≥ 18000 | 65.2 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 |
| ≥ 16000 | 65.2 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 |
| ≥ 14000 | 65.0 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 |
| ≥ 12000 | 67.4 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 |
| ≥ 10000 | 71.2 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 |
| ≥ 9000 | 71.9 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 |
| ≥ 8000 | 73.6 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 |
| ≥ 7000 | 74.5 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 |
| ≥ 6000 | 74.8 | 76.3 | 76.3 | 76.4 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 |
| ≥ 5000 | 76.1 | 78.2 | 78.2 | 78.3 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 |
| ≥ 4500 | 76.3 | 78.5 | 78.5 | 78.7 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 |
| ≥ 4000 | 78.8 | 81.1 | 81.1 | 81.2 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 |
| ≥ 3500 | 82.4 | 82.4 | 82.4 | 82.5 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 |
| ≥ 3000 | 81.6 | 84.5 | 84.5 | 84.6 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 |
| ≥ 2500 | 82.9 | 86.2 | 86.2 | 86.3 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 |
| ≥ 2000 | 84.5 | 88.0 | 88.1 | 88.2 | 88.5 | 88.5 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 |
| ≥ 1800 | 84.8 | 88.7 | 88.9 | 88.9 | 89.2 | 89.2 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 |
| ≥ 1500 | 85.2 | 89.6 | 89.7 | 89.8 | 90.1 | 90.1 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 |
| ≥ 1200 | 86.7 | 91.3 | 91.7 | 91.8 | 92.1 | 92.1 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| ≥ 1000 | 86.7 | 92.2 | 92.8 | 93.1 | 93.6 | 93.6 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 |
| ≥ 900 | 85.7 | 92.6 | 93.4 | 93.7 | 94.2 | 94.2 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| ≥ 800 | 86.7 | 92.9 | 93.9 | 94.3 | 94.8 | 94.9 | 95.1 | 95.1 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 |
| ≥ 700 | 86.7 | 93.1 | 94.4 | 94.9 | 95.5 | 95.6 | 95.7 | 95.7 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| ≥ 600 | 86.9 | 93.5 | 94.9 | 95.6 | 96.2 | 96.3 | 96.7 | 96.7 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| ≥ 500 | 86.9 | 93.9 | 95.8 | 96.6 | 97.2 | 97.4 | 98.1 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 400 | 86.9 | 93.9 | 95.8 | 96.7 | 97.4 | 97.6 | 98.4 | 98.7 | 98.6 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 300 | 86.9 | 94.0 | 96.1 | 97.1 | 97.8 | 98.0 | 98.9 | 99.2 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 200 | 86.9 | 94.0 | 96.1 | 97.1 | 97.8 | 98.0 | 98.9 | 99.2 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 86.9 | 94.0 | 96.1 | 97.1 | 97.8 | 98.0 | 98.9 | 99.2 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 86.5 | 94.0 | 96.1 | 97.1 | 97.8 | 98.0 | 98.9 | 99.2 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 890

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03933 FORT HOOD TEXAS/FORT HOOD AAF

60-69

YEAR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (EST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|--------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1 | ≥0.5 | ≥0.25 | ≥0.15 | ≥0.1 | ≥0.05 | ≥0.025 | ≥0 |
| NO CEILING | 62.0 | 62.8 | 63.3 | 63.3 | 63.4 | 63.4 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 |
| ≥ 20000 | 69.5 | 70.6 | 71.1 | 71.1 | 71.2 | 71.2 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 |
| ≥ 18000 | 69.6 | 70.7 | 71.2 | 71.2 | 71.3 | 71.3 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 |
| ≥ 16000 | 69.6 | 70.7 | 71.2 | 71.2 | 71.3 | 71.3 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 |
| ≥ 14000 | 69.8 | 71.0 | 71.4 | 71.4 | 71.5 | 71.5 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 |
| ≥ 12000 | 71.7 | 72.8 | 73.2 | 73.2 | 73.4 | 73.4 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 |
| ≥ 10000 | 73.7 | 74.8 | 75.3 | 75.3 | 75.4 | 75.4 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 |
| ≥ 9000 | 74.4 | 75.7 | 76.2 | 76.2 | 76.3 | 76.3 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 |
| ≥ 8000 | 75.4 | 77.0 | 77.4 | 77.4 | 77.6 | 77.6 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| ≥ 7000 | 76.3 | 77.9 | 78.6 | 78.6 | 78.7 | 78.7 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 |
| ≥ 6000 | 76.4 | 78.1 | 79.0 | 79.0 | 79.1 | 79.1 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 |
| ≥ 5000 | 77.7 | 80.0 | 81.0 | 81.0 | 81.1 | 81.1 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 |
| ≥ 4500 | 78.2 | 81.1 | 82.0 | 82.0 | 82.1 | 82.1 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 |
| ≥ 4000 | 80.2 | 83.0 | 83.9 | 83.9 | 84.2 | 84.2 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 |
| ≥ 3500 | 81.2 | 84.1 | 85.0 | 85.0 | 85.4 | 85.4 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 |
| ≥ 3000 | 82.2 | 85.5 | 86.5 | 86.5 | 86.8 | 86.8 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 |
| ≥ 2500 | 83.1 | 86.7 | 87.8 | 87.9 | 88.3 | 88.3 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 |
| ≥ 2000 | 83.9 | 88.1 | 89.2 | 89.3 | 89.9 | 89.9 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| ≥ 1800 | 83.9 | 88.3 | 89.3 | 89.5 | 90.1 | 90.1 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 |
| ≥ 1500 | 84.1 | 89.0 | 90.0 | 90.2 | 90.9 | 90.9 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 |
| ≥ 1200 | 84.9 | 90.8 | 92.1 | 92.5 | 93.2 | 93.2 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| ≥ 1000 | 85.1 | 91.7 | 93.7 | 94.3 | 94.3 | 94.3 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| ≥ 900 | 85.1 | 91.8 | 93.7 | 93.8 | 94.4 | 94.4 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| ≥ 800 | 85.1 | 92.2 | 93.9 | 94.3 | 95.1 | 95.1 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 |
| ≥ 700 | 85.3 | 92.3 | 94.3 | 95.0 | 95.8 | 95.8 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 |
| ≥ 600 | 85.3 | 92.7 | 94.6 | 95.2 | 96.0 | 96.0 | 96.1 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| ≥ 500 | 85.3 | 93.0 | 95.0 | 96.0 | 96.8 | 96.8 | 96.9 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| ≥ 400 | 85.4 | 93.3 | 95.5 | 96.5 | 97.4 | 97.5 | 97.7 | 98.0 | 98.1 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 300 | 85.4 | 93.3 | 95.5 | 96.5 | 98.0 | 98.2 | 98.6 | 99.0 | 99.1 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 200 | 85.4 | 93.3 | 95.5 | 96.5 | 98.0 | 98.3 | 98.9 | 99.1 | 99.3 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 85.4 | 93.3 | 95.5 | 96.5 | 98.0 | 98.3 | 98.9 | 99.1 | 99.3 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 85.4 | 93.3 | 95.5 | 96.5 | 98.0 | 98.3 | 98.9 | 99.1 | 99.3 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 882

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03933
STATION

FORT HOOD TEXAS/FORT HOOD AAF
STATION NAME

60-69
YEARS

N J
MC 414

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|--------|------|-------|--------|------|------|------|------|------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2 1/2 | ≥2 | 1 1/2 | ≥1 1/2 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥5/16 | ≥1/2 |
| NO CEILING | 64.9 | 66.2 | 66.3 | 66.3 | 66.4 | 66.4 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.6 |
| ≥ 20000 | 70.1 | 71.4 | 71.5 | 71.5 | 71.6 | 71.6 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.9 |
| ≥ 18000 | 70.1 | 71.4 | 71.5 | 71.5 | 71.6 | 71.6 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.9 |
| ≥ 16000 | 70.1 | 71.4 | 71.5 | 71.5 | 71.6 | 71.6 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.9 |
| ≥ 14000 | 70.1 | 71.4 | 71.5 | 71.5 | 71.6 | 71.6 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.9 |
| ≥ 12000 | 71.1 | 72.7 | 72.8 | 72.8 | 72.9 | 72.9 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.2 |
| ≥ 10000 | 72.3 | 74.0 | 74.2 | 74.2 | 74.3 | 74.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.6 |
| ≥ 9000 | 72.8 | 74.7 | 74.9 | 74.9 | 75.0 | 75.0 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.3 |
| ≥ 8000 | 73.5 | 75.4 | 75.6 | 75.6 | 75.7 | 75.7 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 76.0 |
| ≥ 7000 | 74.3 | 76.2 | 76.4 | 76.4 | 76.5 | 76.5 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.8 |
| ≥ 6000 | 74.9 | 76.8 | 77.0 | 77.0 | 77.1 | 77.1 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.4 |
| ≥ 5000 | 76.0 | 78.4 | 78.9 | 78.9 | 79.0 | 79.0 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.2 |
| ≥ 4500 | 76.3 | 79.0 | 79.7 | 79.7 | 79.9 | 79.9 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.2 |
| ≥ 4000 | 77.4 | 80.0 | 80.7 | 80.7 | 81.0 | 81.0 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.2 |
| ≥ 3500 | 79.0 | 81.9 | 82.7 | 82.8 | 83.1 | 83.1 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.3 |
| ≥ 3000 | 80.3 | 83.7 | 84.6 | 84.7 | 84.9 | 84.9 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.2 |
| ≥ 2500 | 81.1 | 84.6 | 85.5 | 85.6 | 85.9 | 85.9 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.1 |
| ≥ 2000 | 82.6 | 86.6 | 87.5 | 87.9 | 88.1 | 88.1 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.3 |
| ≥ 1800 | 83.2 | 87.5 | 88.4 | 88.8 | 89.0 | 89.0 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.3 |
| ≥ 1500 | 83.5 | 88.7 | 89.8 | 90.2 | 90.4 | 90.4 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.7 |
| ≥ 1200 | 85.5 | 91.2 | 92.5 | 92.9 | 93.1 | 93.1 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.3 |
| ≥ 1000 | 86.2 | 91.9 | 93.2 | 93.6 | 93.8 | 93.8 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 94.0 |
| ≥ 900 | 86.5 | 92.2 | 93.7 | 94.0 | 94.4 | 94.4 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.6 |
| ≥ 800 | 86.6 | 92.4 | 94.0 | 94.4 | 94.7 | 94.7 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 95.0 |
| ≥ 700 | 86.7 | 93.0 | 95.1 | 95.6 | 95.9 | 95.9 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.1 |
| ≥ 600 | 86.7 | 93.2 | 95.4 | 96.0 | 96.4 | 96.4 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.6 |
| ≥ 500 | 86.8 | 93.7 | 96.4 | 97.0 | 97.3 | 97.4 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.7 |
| ≥ 400 | 87.0 | 94.0 | 96.7 | 97.3 | 97.7 | 97.9 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.5 |
| ≥ 300 | 87.0 | 94.3 | 97.3 | 98.0 | 98.4 | 98.8 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.4 |
| ≥ 200 | 87.0 | 94.3 | 97.3 | 98.0 | 98.4 | 98.8 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.6 |
| ≥ 100 | 87.0 | 94.3 | 97.3 | 98.0 | 98.4 | 98.8 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.9 |
| ≥ 0 | 87.0 | 94.3 | 97.3 | 98.0 | 98.4 | 98.8 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 857

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03933
STATION

FORT HOOD TEXAS/FORT HOOD AAF
STATION NAME

61-69
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0700
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|-------|-------|------|-------|--------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1 | ≥0.5 | ≥0.25 | ≥0.15 | ≥0.1 | ≥0.05 | ≥0.025 | ≥0 |
| NO CEILING | 54.1 | 54.8 | 55.6 | 55.6 | 55.9 | 55.9 | 56.0 | 56.0 | 56.0 | 56.1 | 56.1 | 56.1 | 56.2 | 56.2 | 56.2 | 56.2 |
| ≥ 20000 | 57.3 | 58.0 | 58.9 | 58.9 | 59.1 | 59.1 | 59.2 | 59.2 | 59.2 | 59.4 | 59.4 | 59.4 | 59.5 | 59.5 | 59.5 | 59.5 |
| ≥ 18000 | 57.3 | 58.0 | 58.9 | 58.9 | 59.1 | 59.1 | 59.2 | 59.2 | 59.2 | 59.4 | 59.4 | 59.4 | 59.5 | 59.5 | 59.5 | 59.5 |
| ≥ 16000 | 57.3 | 58.0 | 58.9 | 58.9 | 59.1 | 59.1 | 59.2 | 59.2 | 59.2 | 59.4 | 59.4 | 59.4 | 59.5 | 59.5 | 59.5 | 59.5 |
| ≥ 14000 | 57.3 | 58.0 | 58.9 | 58.9 | 59.1 | 59.1 | 59.2 | 59.2 | 59.2 | 59.4 | 59.4 | 59.4 | 59.5 | 59.5 | 59.5 | 59.5 |
| ≥ 12000 | 57.4 | 58.2 | 59.0 | 59.0 | 59.2 | 59.2 | 59.4 | 59.4 | 59.4 | 59.5 | 59.5 | 59.5 | 59.6 | 59.6 | 59.6 | 59.6 |
| ≥ 10000 | 58.3 | 59.0 | 59.8 | 59.8 | 60.1 | 60.1 | 60.2 | 60.2 | 60.2 | 60.3 | 60.3 | 60.3 | 60.4 | 60.4 | 60.4 | 60.4 |
| ≥ 9000 | 59.1 | 59.8 | 60.7 | 60.7 | 60.9 | 60.9 | 61.0 | 61.0 | 61.0 | 61.2 | 61.2 | 61.2 | 61.3 | 61.3 | 61.3 | 61.3 |
| ≥ 8000 | 60.0 | 60.7 | 61.5 | 61.5 | 61.8 | 61.8 | 61.9 | 61.9 | 61.9 | 62.0 | 62.0 | 62.0 | 62.1 | 62.1 | 62.1 | 62.1 |
| ≥ 7000 | 60.6 | 61.3 | 62.1 | 62.1 | 62.4 | 62.4 | 62.5 | 62.5 | 62.5 | 62.6 | 62.6 | 62.6 | 62.7 | 62.7 | 62.7 | 62.7 |
| ≥ 6000 | 62.0 | 62.7 | 63.5 | 63.5 | 63.8 | 63.8 | 63.9 | 63.9 | 63.9 | 64.0 | 64.0 | 64.0 | 64.1 | 64.1 | 64.1 | 64.1 |
| ≥ 5000 | 62.8 | 63.5 | 64.6 | 64.6 | 64.9 | 64.9 | 65.0 | 65.0 | 65.0 | 65.1 | 65.1 | 65.1 | 65.2 | 65.2 | 65.2 | 65.2 |
| ≥ 4500 | 63.3 | 64.0 | 65.1 | 65.1 | 65.3 | 65.3 | 65.5 | 65.5 | 65.5 | 65.6 | 65.6 | 65.6 | 65.7 | 65.7 | 65.7 | 65.7 |
| ≥ 4000 | 64.6 | 65.3 | 66.4 | 66.4 | 66.7 | 66.7 | 66.8 | 66.8 | 66.8 | 66.9 | 66.9 | 66.9 | 67.0 | 67.0 | 67.0 | 67.0 |
| ≥ 3500 | 66.2 | 67.1 | 68.2 | 68.2 | 68.5 | 68.5 | 68.6 | 68.6 | 68.6 | 68.7 | 68.7 | 68.7 | 68.8 | 68.8 | 68.8 | 68.8 |
| ≥ 3000 | 68.1 | 69.2 | 70.3 | 70.3 | 70.5 | 70.5 | 70.6 | 70.6 | 70.6 | 70.7 | 70.7 | 70.7 | 70.9 | 70.9 | 70.9 | 70.9 |
| ≥ 2500 | 70.3 | 71.6 | 72.7 | 72.8 | 73.0 | 73.0 | 73.1 | 73.1 | 73.1 | 73.3 | 73.3 | 73.3 | 73.4 | 73.4 | 73.4 | 73.4 |
| ≥ 2000 | 71.9 | 73.6 | 74.7 | 74.8 | 75.1 | 75.1 | 75.2 | 75.2 | 75.2 | 75.3 | 75.3 | 75.3 | 75.4 | 75.4 | 75.4 | 75.4 |
| ≥ 1800 | 72.5 | 74.5 | 75.5 | 75.7 | 75.9 | 75.9 | 76.0 | 76.0 | 76.0 | 76.1 | 76.1 | 76.1 | 76.3 | 76.3 | 76.3 | 76.3 |
| ≥ 1500 | 74.5 | 76.6 | 77.7 | 78.1 | 78.4 | 78.4 | 78.5 | 78.5 | 78.5 | 78.7 | 78.7 | 78.7 | 78.8 | 78.8 | 78.8 | 78.8 |
| ≥ 1200 | 76.9 | 80.0 | 81.3 | 81.8 | 82.3 | 82.3 | 82.4 | 82.4 | 82.4 | 82.5 | 82.5 | 82.5 | 82.6 | 82.6 | 82.6 | 82.6 |
| ≥ 1000 | 77.0 | 80.7 | 82.1 | 82.7 | 83.2 | 83.2 | 83.5 | 83.7 | 83.7 | 83.8 | 83.8 | 83.8 | 83.9 | 83.9 | 83.9 | 83.9 |
| ≥ 900 | 77.6 | 81.7 | 83.2 | 84.1 | 84.5 | 84.5 | 85.0 | 85.0 | 85.0 | 85.1 | 85.1 | 85.1 | 85.3 | 85.3 | 85.3 | 85.3 |
| ≥ 800 | 77.6 | 82.4 | 83.9 | 84.8 | 85.3 | 85.3 | 85.7 | 85.7 | 85.7 | 85.9 | 85.9 | 85.9 | 86.0 | 86.0 | 86.0 | 86.0 |
| ≥ 700 | 77.6 | 83.1 | 85.1 | 86.1 | 86.6 | 86.6 | 87.1 | 87.1 | 87.1 | 87.2 | 87.2 | 87.2 | 87.3 | 87.3 | 87.3 | 87.3 |
| ≥ 600 | 77.7 | 83.9 | 86.5 | 87.8 | 88.2 | 88.2 | 88.7 | 88.7 | 88.7 | 88.8 | 88.8 | 88.8 | 89.0 | 89.0 | 89.0 | 89.0 |
| ≥ 500 | 77.8 | 84.1 | 86.6 | 87.9 | 88.7 | 88.7 | 89.3 | 89.3 | 89.3 | 89.7 | 89.7 | 89.7 | 89.8 | 89.8 | 89.8 | 89.8 |
| ≥ 400 | 77.9 | 84.2 | 86.8 | 88.1 | 89.7 | 89.7 | 90.9 | 91.6 | 92.0 | 92.0 | 92.2 | 92.2 | 92.2 | 92.3 | 92.3 | 92.3 |
| ≥ 300 | 78.1 | 84.4 | 87.1 | 88.6 | 90.3 | 90.3 | 91.5 | 92.7 | 93.5 | 93.5 | 93.8 | 93.9 | 94.0 | 94.0 | 94.0 | 94.0 |
| ≥ 200 | 78.1 | 84.4 | 87.1 | 88.6 | 90.9 | 90.9 | 92.2 | 93.4 | 94.5 | 94.7 | 96.2 | 96.3 | 96.3 | 96.5 | 96.5 | 96.5 |
| ≥ 100 | 78.2 | 84.5 | 87.2 | 88.8 | 91.1 | 91.1 | 92.4 | 93.6 | 94.8 | 95.1 | 96.5 | 96.6 | 96.6 | 97.4 | 98.0 | 98.1 |
| ≥ 0 | 78.2 | 84.5 | 87.2 | 88.8 | 91.1 | 91.1 | 92.4 | 93.6 | 94.8 | 95.1 | 96.5 | 96.6 | 96.6 | 97.4 | 98.1 | 98.2 |

TOTAL NUMBER OF OBSERVATIONS 834

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03933
STATION

FORT HOOD TEXAS/FORT HOOD AAF
STATION NAME

61-69
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥1/16 | ≥0 | ≥0 |
| NO CEILING | 53.5 | 55.4 | 55.4 | 55.9 | 55.9 | 56.0 | 56.2 | 56.2 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.5 |
| ≥ 20000 | 55.4 | 57.6 | 57.9 | 58.1 | 58.1 | 58.2 | 58.3 | 58.3 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.7 |
| ≥ 18000 | 55.4 | 57.6 | 57.9 | 58.1 | 58.1 | 58.2 | 58.3 | 58.3 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.7 |
| ≥ 16000 | 55.4 | 57.6 | 57.9 | 58.1 | 58.1 | 58.2 | 58.3 | 58.3 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.7 |
| ≥ 14000 | 55.4 | 57.6 | 57.9 | 58.1 | 58.1 | 58.2 | 58.3 | 58.3 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.7 |
| ≥ 12000 | 55.6 | 57.7 | 58.1 | 58.2 | 58.2 | 58.3 | 58.4 | 58.4 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.8 |
| ≥ 10000 | 55.9 | 58.2 | 58.5 | 58.7 | 58.7 | 58.8 | 58.9 | 58.9 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.3 |
| ≥ 9000 | 56.2 | 58.4 | 58.8 | 58.9 | 58.9 | 59.0 | 59.1 | 59.1 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.5 |
| ≥ 8000 | 56.9 | 59.1 | 59.5 | 59.6 | 59.6 | 59.7 | 59.9 | 59.9 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.7 |
| ≥ 7000 | 57.3 | 59.6 | 60.0 | 60.1 | 60.1 | 60.2 | 60.3 | 60.3 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.7 |
| ≥ 6000 | 57.6 | 60.0 | 60.3 | 60.5 | 60.5 | 60.6 | 60.7 | 60.7 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 61.1 |
| ≥ 5000 | 58.4 | 61.2 | 61.9 | 62.0 | 62.0 | 62.1 | 62.2 | 62.2 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.6 |
| ≥ 4500 | 58.9 | 61.6 | 62.4 | 62.5 | 62.5 | 62.6 | 62.8 | 62.8 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.2 |
| ≥ 4000 | 60.2 | 63.2 | 63.9 | 64.0 | 64.0 | 64.2 | 64.4 | 64.4 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.8 |
| ≥ 3500 | 62.2 | 65.4 | 66.1 | 66.2 | 66.2 | 66.3 | 66.5 | 66.5 | 66.7 | 66.7 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 67.0 |
| ≥ 3000 | 64.2 | 67.4 | 68.1 | 68.2 | 68.2 | 68.3 | 68.6 | 68.6 | 68.7 | 68.7 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 69.1 |
| ≥ 2500 | 67.1 | 70.6 | 71.3 | 71.4 | 71.4 | 71.6 | 71.8 | 71.8 | 71.9 | 71.9 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.3 |
| ≥ 2000 | 69.4 | 73.0 | 73.7 | 73.8 | 74.0 | 74.1 | 74.3 | 74.3 | 74.4 | 74.4 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.8 |
| ≥ 1800 | 69.8 | 74.0 | 74.8 | 74.9 | 75.1 | 75.3 | 75.5 | 75.5 | 75.6 | 75.6 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 76.0 |
| ≥ 1500 | 72.0 | 76.5 | 77.7 | 77.8 | 78.1 | 78.3 | 78.5 | 78.5 | 78.6 | 78.6 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 79.0 |
| ≥ 1200 | 74.1 | 79.6 | 81.0 | 81.2 | 81.6 | 81.7 | 82.0 | 82.0 | 82.1 | 82.1 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.4 |
| ≥ 1000 | 74.6 | 80.3 | 81.8 | 82.3 | 82.7 | 82.8 | 83.0 | 83.0 | 83.2 | 83.2 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.5 |
| ≥ 900 | 74.9 | 80.9 | 82.7 | 83.2 | 83.5 | 83.6 | 83.9 | 83.9 | 84.0 | 84.0 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.3 |
| ≥ 800 | 75.0 | 81.1 | 83.0 | 83.6 | 84.1 | 84.2 | 84.7 | 84.7 | 84.8 | 84.8 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 85.2 |
| ≥ 700 | 75.0 | 81.6 | 83.5 | 84.1 | 84.6 | 84.7 | 85.4 | 85.4 | 85.5 | 85.5 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.9 |
| ≥ 600 | 75.1 | 82.4 | 84.4 | 85.5 | 85.5 | 85.6 | 87.2 | 87.2 | 87.3 | 87.3 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.7 |
| ≥ 500 | 75.1 | 82.9 | 85.8 | 86.9 | 87.7 | 87.9 | 88.6 | 88.8 | 88.9 | 88.9 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.2 |
| ≥ 400 | 75.3 | 83.4 | 86.9 | 88.1 | 89.1 | 89.7 | 91.0 | 91.2 | 91.3 | 91.3 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.9 |
| ≥ 300 | 75.3 | 83.5 | 87.1 | 88.5 | 90.0 | 90.7 | 92.2 | 92.5 | 92.6 | 92.7 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.3 |
| ≥ 200 | 75.3 | 83.5 | 87.1 | 88.5 | 90.1 | 90.8 | 92.6 | 93.0 | 93.3 | 93.8 | 94.1 | 94.3 | 94.5 | 94.9 | 94.9 | 95.2 |
| ≥ 100 | 75.3 | 83.6 | 87.2 | 88.6 | 90.2 | 90.9 | 92.7 | 93.1 | 93.4 | 94.0 | 94.7 | 94.9 | 95.3 | 96.3 | 96.9 | 97.8 |
| ≥ 0 | 75.3 | 83.6 | 87.2 | 88.6 | 90.2 | 90.9 | 92.7 | 93.1 | 93.4 | 94.0 | 94.7 | 94.9 | 95.3 | 96.5 | 97.3 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 837

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03933
STATION

FORT HOOD TEXAS/FORT HUMPH AAF
STATION NAME

60-69
YEARS

01 C
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|-------|------|-------|------|-------|-------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1.25 | ≥1 | ≥0.75 | ≥0.5 | ≥0.25 | ≥0.16 | ≥0 |
| NO CEILING | 43.1 | 47.8 | 48.8 | 49.1 | 49.4 | 49.8 | 50.0 | 50.0 | 50.0 | 50.1 | 50.2 | 50.2 | 50.4 | 50.5 | 50.6 |
| ≥ 20000 | 46.0 | 51.7 | 52.7 | 53.2 | 53.4 | 53.9 | 54.1 | 54.1 | 54.1 | 54.2 | 54.3 | 54.3 | 54.6 | 54.7 | 54.8 |
| ≥ 18000 | 45.0 | 51.7 | 52.7 | 53.2 | 53.4 | 53.9 | 54.1 | 54.1 | 54.1 | 54.2 | 54.3 | 54.3 | 54.6 | 54.7 | 54.8 |
| ≥ 16000 | 46.0 | 51.7 | 52.7 | 53.2 | 53.4 | 53.9 | 54.1 | 54.1 | 54.1 | 54.2 | 54.3 | 54.3 | 54.6 | 54.7 | 54.8 |
| ≥ 14000 | 46.0 | 51.7 | 52.7 | 53.2 | 53.4 | 53.9 | 54.1 | 54.1 | 54.1 | 54.2 | 54.3 | 54.3 | 54.6 | 54.7 | 54.8 |
| ≥ 12000 | 46.4 | 52.2 | 53.1 | 53.7 | 53.9 | 54.3 | 54.5 | 54.5 | 54.5 | 54.6 | 54.7 | 54.7 | 55.1 | 55.2 | 55.3 |
| ≥ 10000 | 47.2 | 52.9 | 54.0 | 54.5 | 54.7 | 55.2 | 55.4 | 55.4 | 55.4 | 55.5 | 55.6 | 55.6 | 55.9 | 56.0 | 56.1 |
| ≥ 9000 | 47.2 | 52.9 | 54.0 | 54.5 | 54.7 | 55.2 | 55.4 | 55.4 | 55.4 | 55.5 | 55.6 | 55.6 | 55.9 | 56.0 | 56.1 |
| ≥ 8000 | 48.0 | 53.9 | 55.1 | 55.6 | 55.8 | 56.3 | 56.5 | 56.5 | 56.5 | 56.6 | 56.7 | 56.7 | 57.0 | 57.1 | 57.2 |
| ≥ 7000 | 48.6 | 54.6 | 55.9 | 56.5 | 56.7 | 57.1 | 57.3 | 57.3 | 57.3 | 57.4 | 57.5 | 57.5 | 57.9 | 58.0 | 58.1 |
| ≥ 6000 | 49.0 | 55.2 | 56.5 | 57.0 | 57.2 | 57.7 | 57.9 | 57.9 | 57.9 | 58.0 | 58.1 | 58.1 | 58.4 | 58.5 | 58.6 |
| ≥ 5000 | 49.4 | 55.5 | 56.9 | 57.4 | 57.7 | 58.1 | 58.3 | 58.3 | 58.4 | 58.5 | 58.5 | 58.5 | 58.8 | 58.9 | 59.1 |
| ≥ 4500 | 50.1 | 56.4 | 57.8 | 58.3 | 58.5 | 59.2 | 59.5 | 59.5 | 59.5 | 59.6 | 59.7 | 59.7 | 60.0 | 60.1 | 60.2 |
| ≥ 4000 | 51.6 | 58.0 | 59.4 | 59.9 | 60.1 | 60.8 | 61.1 | 61.1 | 61.1 | 61.2 | 61.3 | 61.3 | 61.6 | 61.7 | 61.9 |
| ≥ 3500 | 53.1 | 59.8 | 61.2 | 61.7 | 62.0 | 62.6 | 62.9 | 62.9 | 62.9 | 63.0 | 63.1 | 63.1 | 63.5 | 63.7 | 63.8 |
| ≥ 3000 | 54.1 | 61.7 | 63.1 | 63.7 | 63.9 | 64.5 | 64.9 | 64.9 | 64.9 | 65.0 | 65.1 | 65.1 | 65.4 | 65.5 | 65.6 |
| ≥ 2500 | 55.7 | 64.5 | 65.9 | 66.5 | 66.7 | 67.3 | 67.7 | 67.7 | 67.7 | 67.8 | 67.9 | 67.9 | 68.2 | 68.3 | 68.4 |
| ≥ 2000 | 57.5 | 67.2 | 68.8 | 69.3 | 69.6 | 70.3 | 70.6 | 70.6 | 70.6 | 70.7 | 70.8 | 70.8 | 71.1 | 71.2 | 71.3 |
| ≥ 1800 | 59.1 | 69.5 | 71.0 | 71.6 | 71.9 | 72.5 | 72.8 | 72.8 | 72.8 | 73.0 | 73.1 | 73.1 | 73.4 | 73.5 | 73.6 |
| ≥ 1500 | 60.6 | 71.6 | 73.1 | 73.6 | 73.9 | 74.6 | 74.9 | 74.9 | 74.9 | 75.0 | 75.1 | 75.1 | 75.4 | 75.5 | 75.6 |
| ≥ 1200 | 61.4 | 73.3 | 75.2 | 75.9 | 76.2 | 76.8 | 77.2 | 77.2 | 77.2 | 77.4 | 77.5 | 77.5 | 77.8 | 77.9 | 78.0 |
| ≥ 1000 | 62.4 | 74.8 | 76.8 | 77.5 | 78.0 | 78.7 | 79.0 | 79.1 | 79.1 | 79.3 | 79.4 | 79.4 | 79.7 | 79.8 | 80.0 |
| ≥ 900 | 62.9 | 75.5 | 77.9 | 78.7 | 79.3 | 80.1 | 80.4 | 80.5 | 80.5 | 80.7 | 80.8 | 80.8 | 81.1 | 81.1 | 81.4 |
| ≥ 800 | 63.3 | 75.9 | 78.3 | 79.1 | 79.7 | 80.5 | 80.9 | 81.0 | 81.0 | 81.3 | 81.4 | 81.4 | 81.7 | 81.8 | 81.9 |
| ≥ 700 | 63.8 | 77.4 | 80.3 | 81.1 | 82.1 | 82.9 | 83.3 | 83.4 | 83.4 | 83.6 | 83.7 | 83.7 | 84.1 | 84.2 | 84.3 |
| ≥ 600 | 64.0 | 78.2 | 81.7 | 82.8 | 83.8 | 84.6 | 85.1 | 85.3 | 85.3 | 85.6 | 85.7 | 85.7 | 86.0 | 86.1 | 86.2 |
| ≥ 500 | 64.0 | 78.9 | 82.8 | 84.3 | 85.6 | 86.3 | 87.2 | 87.7 | 87.7 | 87.6 | 87.7 | 87.7 | 88.1 | 88.3 | 88.4 |
| ≥ 400 | 64.0 | 79.3 | 83.8 | 85.8 | 87.3 | 88.1 | 89.3 | 89.7 | 89.7 | 90.0 | 90.1 | 90.1 | 90.5 | 90.6 | 90.7 |
| ≥ 300 | 64.0 | 79.4 | 84.1 | 86.5 | 88.0 | 88.9 | 90.4 | 90.9 | 91.1 | 91.5 | 91.9 | 91.9 | 92.7 | 92.7 | 92.9 |
| ≥ 200 | 64.0 | 79.4 | 84.1 | 86.5 | 88.0 | 88.9 | 90.5 | 91.3 | 91.5 | 92.0 | 92.7 | 92.7 | 93.9 | 94.1 | 94.5 |
| ≥ 100 | 64.0 | 79.4 | 84.1 | 86.5 | 88.0 | 88.9 | 90.5 | 91.3 | 91.5 | 92.0 | 92.7 | 92.8 | 94.3 | 95.2 | 95.9 |
| ≥ 0 | 64.0 | 79.4 | 84.1 | 86.5 | 88.0 | 88.9 | 90.5 | 91.3 | 91.5 | 92.0 | 92.7 | 92.9 | 94.5 | 95.4 | 96.6 |

TOTAL NUMBER OF OBSERVATIONS 921

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03933
STATION

FORT HOOD TEXAS/FORT HOOD AAF
STATION NAME

60-69
YEARS

U+ C
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1.4 | ≥1 | ≥.9 | ≥.8 | ≥.75 | ≥.7 | ≥.6 |
| NO CEILING | 42.2 | 45.2 | 45.3 | 45.4 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 |
| ≥ 20000 | 48.4 | 52.5 | 52.6 | 52.7 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 |
| ≥ 18000 | 48.4 | 52.5 | 52.6 | 52.7 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 |
| ≥ 16000 | 48.4 | 52.5 | 52.6 | 52.7 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 |
| ≥ 14000 | 48.4 | 52.5 | 52.6 | 52.7 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 |
| ≥ 12000 | 49.1 | 53.2 | 53.3 | 53.5 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 |
| ≥ 10000 | 50.3 | 54.4 | 54.5 | 54.7 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 |
| ≥ 9000 | 51.2 | 55.3 | 55.4 | 55.6 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 |
| ≥ 8000 | 53.2 | 57.3 | 57.4 | 57.6 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 |
| ≥ 7000 | 54.4 | 58.6 | 58.7 | 58.9 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 |
| ≥ 6000 | 55.2 | 59.9 | 60.0 | 60.2 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 |
| ≥ 5000 | 55.8 | 60.6 | 60.9 | 61.1 | 61.3 | 61.3 | 61.4 | 61.4 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 |
| ≥ 4500 | 56.0 | 61.2 | 61.4 | 61.6 | 61.8 | 61.8 | 61.9 | 61.9 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 |
| ≥ 4000 | 56.8 | 62.0 | 62.3 | 62.5 | 62.7 | 62.7 | 62.8 | 62.8 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 |
| ≥ 3500 | 57.3 | 62.7 | 62.9 | 63.1 | 63.3 | 63.3 | 63.4 | 63.4 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 |
| ≥ 3000 | 58.4 | 64.3 | 64.5 | 64.7 | 64.9 | 64.9 | 65.1 | 65.1 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 |
| ≥ 2500 | 59.8 | 66.1 | 66.3 | 66.6 | 66.8 | 66.8 | 66.9 | 66.9 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 |
| ≥ 2000 | 61.7 | 68.6 | 68.9 | 69.4 | 69.6 | 69.6 | 69.7 | 69.7 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 |
| ≥ 1800 | 63.7 | 70.8 | 71.2 | 71.6 | 71.8 | 71.8 | 71.9 | 71.9 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 |
| ≥ 1500 | 65.3 | 73.0 | 73.4 | 74.0 | 74.2 | 74.2 | 74.3 | 74.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 |
| ≥ 1200 | 66.8 | 75.7 | 76.1 | 76.7 | 76.9 | 76.9 | 77.1 | 77.1 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 |
| ≥ 1000 | 67.4 | 77.7 | 78.3 | 78.9 | 79.1 | 79.1 | 79.5 | 79.5 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 |
| ≥ 900 | 67.7 | 78.6 | 79.6 | 80.2 | 80.4 | 80.4 | 80.8 | 80.8 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 |
| ≥ 800 | 68.3 | 80.0 | 81.1 | 81.8 | 82.0 | 82.0 | 82.7 | 82.8 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 |
| ≥ 700 | 68.7 | 80.9 | 82.0 | 83.0 | 83.3 | 83.3 | 84.0 | 84.2 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 |
| ≥ 600 | 68.7 | 81.6 | 83.3 | 84.6 | 85.3 | 85.3 | 86.1 | 86.3 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 |
| ≥ 500 | 68.8 | 82.3 | 84.1 | 85.8 | 86.9 | 87.5 | 88.6 | 89.0 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 |
| ≥ 400 | 68.8 | 82.6 | 84.7 | 86.8 | 88.5 | 89.5 | 91.6 | 92.2 | 92.7 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 |
| ≥ 300 | 68.8 | 82.8 | 85.1 | 87.5 | 89.6 | 90.5 | 92.8 | 93.8 | 94.7 | 95.4 | 95.7 | 95.7 | 95.7 | 95.8 | 95.8 |
| ≥ 200 | 68.8 | 82.8 | 85.1 | 87.5 | 89.6 | 90.5 | 92.8 | 93.9 | 95.1 | 95.8 | 96.7 | 96.8 | 97.3 | 97.6 | 97.7 |
| ≥ 100 | 68.8 | 82.8 | 85.1 | 87.5 | 89.6 | 90.6 | 92.9 | 94.0 | 95.2 | 96.0 | 96.9 | 97.1 | 97.8 | 98.2 | 98.6 |
| ≥ 0 | 68.8 | 82.8 | 85.1 | 87.5 | 89.6 | 90.6 | 92.9 | 94.0 | 95.2 | 96.0 | 96.9 | 97.1 | 98.0 | 98.4 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03933
STATION

F.14: HOOD TEXAS/FORT HOOD AAF
STATION NAME

60-69
YEARS

1200-1400
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|-------|------|-------|------|-------|-------|------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1.25 | ≥1 | ≥0.75 | ≥0.5 | ≥0.25 | ≥0.16 | ≥0.1 | ≥0 | ≥0 |
| NO CEILING | 50.1 | 50.3 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 |
| ≥ 20000 | 57.7 | 58.6 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 |
| ≥ 18000 | 57.7 | 58.6 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 |
| ≥ 16000 | 57.7 | 58.6 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 |
| ≥ 14000 | 57.7 | 58.6 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 |
| ≥ 12000 | 58.8 | 59.7 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 |
| ≥ 10000 | 59.8 | 60.6 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 |
| ≥ 9000 | 60.4 | 61.3 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 |
| ≥ 8000 | 61.0 | 62.7 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 |
| ≥ 7000 | 63.1 | 64.0 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 |
| ≥ 6000 | 64.8 | 65.7 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 |
| ≥ 5000 | 65.8 | 66.9 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 |
| ≥ 4500 | 66.3 | 67.4 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 |
| ≥ 4000 | 67.0 | 68.3 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 |
| ≥ 3500 | 67.7 | 69.1 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 |
| ≥ 3000 | 68.8 | 70.2 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 |
| ≥ 2500 | 71.2 | 72.6 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 |
| ≥ 2000 | 74.9 | 76.6 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 |
| ≥ 1800 | 76.5 | 78.5 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 |
| ≥ 1500 | 78.3 | 80.9 | 81.2 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 |
| ≥ 1200 | 79.9 | 83.8 | 84.1 | 84.3 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 |
| ≥ 1000 | 81.0 | 85.6 | 85.9 | 86.1 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 |
| ≥ 900 | 81.4 | 86.2 | 86.6 | 86.8 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 |
| ≥ 800 | 81.5 | 87.3 | 87.7 | 88.0 | 88.1 | 88.1 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 |
| ≥ 700 | 81.8 | 88.5 | 89.1 | 89.4 | 89.7 | 89.7 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 |
| ≥ 600 | 81.9 | 88.8 | 89.6 | 89.9 | 90.5 | 90.5 | 91.1 | 91.2 | 91.2 | 91.3 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |
| ≥ 500 | 81.9 | 89.5 | 90.5 | 91.2 | 92.3 | 92.5 | 93.4 | 93.7 | 93.7 | 93.8 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 |
| ≥ 400 | 81.9 | 89.8 | 91.1 | 91.8 | 93.5 | 93.9 | 95.4 | 95.7 | 95.9 | 96.0 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| ≥ 300 | 81.9 | 89.9 | 91.4 | 92.2 | 93.9 | 94.6 | 96.8 | 97.5 | 97.7 | 98.0 | 98.4 | 98.4 | 98.4 | 98.4 | 98.5 | 98.5 | 98.5 |
| ≥ 200 | 81.9 | 89.9 | 91.4 | 92.3 | 94.0 | 94.8 | 97.1 | 97.8 | 98.1 | 98.3 | 98.7 | 98.7 | 98.7 | 98.8 | 99.0 | 99.0 | 99.0 |
| ≥ 100 | 81.9 | 89.9 | 91.4 | 92.3 | 94.1 | 94.9 | 97.2 | 98.1 | 98.3 | 98.7 | 99.1 | 99.1 | 99.1 | 99.4 | 99.7 | 99.8 | 99.8 |
| ≥ 0 | 81.9 | 89.9 | 91.4 | 92.3 | 94.1 | 94.9 | 97.2 | 98.1 | 98.3 | 98.7 | 99.1 | 99.1 | 99.1 | 99.4 | 99.7 | 99.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

03933
STATION

FORT HOOD TEXAS/FORT HOOD AAF
STATION NAME

60-69
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS, EST

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ¾ | ¾ | ¾ | ¾ | ≥5/16 | ≥1/2 |
| NO CEILING | 50.9 | 51.4 | 51.4 | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 |
| ≥20000 | 58.5 | 59.4 | 59.4 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 |
| ≥18000 | 58.6 | 59.5 | 59.5 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 |
| ≥16000 | 58.6 | 59.5 | 59.5 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 |
| ≥14000 | 58.9 | 59.8 | 59.8 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 |
| ≥12000 | 59.5 | 60.4 | 60.4 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 |
| ≥10000 | 62.3 | 63.2 | 63.2 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 |
| ≥9000 | 63.5 | 64.5 | 64.5 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 |
| ≥8000 | 64.8 | 65.8 | 65.8 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 |
| ≥7000 | 66.0 | 67.1 | 67.1 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 |
| ≥6000 | 67.2 | 68.6 | 68.6 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 |
| ≥5000 | 68.2 | 69.8 | 69.8 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 |
| ≥4500 | 68.5 | 70.1 | 70.1 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 |
| ≥4000 | 69.7 | 71.3 | 71.3 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 |
| ≥3500 | 71.6 | 73.3 | 73.3 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 |
| ≥3000 | 73.7 | 75.4 | 75.4 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 |
| ≥2500 | 75.5 | 77.5 | 77.6 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| ≥2000 | 79.2 | 81.7 | 81.8 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 |
| ≥1800 | 79.9 | 82.4 | 82.5 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 |
| ≥1500 | 80.5 | 83.4 | 83.7 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 |
| ≥1200 | 81.9 | 85.6 | 85.9 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 |
| ≥1000 | 82.5 | 86.6 | 87.0 | 87.3 | 87.3 | 87.3 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 |
| ≥900 | 82.5 | 86.6 | 87.4 | 87.8 | 87.8 | 87.8 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 |
| ≥800 | 82.6 | 87.5 | 88.6 | 89.1 | 89.5 | 89.5 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 |
| ≥700 | 83.1 | 88.4 | 89.7 | 90.2 | 90.8 | 90.9 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 |
| ≥600 | 83.1 | 88.6 | 90.0 | 90.5 | 91.2 | 91.4 | 91.6 | 91.8 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 |
| ≥500 | 83.1 | 89.0 | 90.9 | 91.5 | 92.5 | 92.9 | 93.8 | 94.1 | 94.3 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| ≥400 | 83.1 | 89.4 | 91.6 | 92.5 | 93.4 | 94.3 | 95.9 | 96.3 | 96.9 | 96.9 | 97.0 | 97.0 | 97.0 | 97.0 | 97.1 | 97.1 |
| ≥300 | 83.1 | 89.5 | 91.8 | 92.9 | 93.9 | 94.9 | 96.9 | 97.5 | 98.4 | 98.4 | 98.5 | 98.5 | 98.5 | 98.6 | 98.7 | 98.7 |
| ≥200 | 83.1 | 89.5 | 91.8 | 92.9 | 93.9 | 95.1 | 97.0 | 98.0 | 98.8 | 98.9 | 99.0 | 99.0 | 99.1 | 99.5 | 99.7 | 99.7 |
| ≥100 | 83.1 | 89.6 | 91.9 | 93.0 | 94.0 | 95.2 | 97.1 | 98.1 | 98.9 | 99.0 | 99.1 | 99.1 | 99.4 | 99.7 | 100.0 | 100.0 |
| ≥0 | 83.1 | 89.6 | 91.9 | 93.0 | 94.0 | 95.2 | 97.1 | 98.1 | 98.9 | 99.0 | 99.1 | 99.1 | 99.4 | 99.7 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

930

USAFETAC

FORM
AUG 64

0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03933
STATION

FORT HOOD TEXAS/FORT HOOD AAF
STATION NAME

60-69
YEARS

1800-2500
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2500
HOURS (EST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1.4 | ≥1 | ≥.9 | ≥.8 | ≥.75 | ≥.7 | ≥.6 | ≥.5 |
| NO CEILING | 55.7 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 |
| ≥ 20000 | 60.9 | 63.5 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 |
| ≥ 18000 | 60.9 | 63.5 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 |
| ≥ 16000 | 60.9 | 63.5 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 |
| ≥ 14000 | 60.9 | 63.5 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 |
| ≥ 12000 | 61.2 | 64.0 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 |
| ≥ 10000 | 62.2 | 65.1 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 |
| ≥ 9000 | 62.9 | 65.8 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 |
| ≥ 8000 | 65.1 | 68.1 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 |
| ≥ 7000 | 65.3 | 68.7 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 |
| ≥ 6000 | 66.0 | 69.6 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 |
| ≥ 5000 | 68.0 | 71.7 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 |
| ≥ 4500 | 68.5 | 72.3 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 |
| ≥ 4000 | 69.8 | 73.5 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 |
| ≥ 3500 | 71.4 | 75.6 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 |
| ≥ 3000 | 73.2 | 77.5 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| ≥ 2500 | 74.9 | 79.5 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 |
| ≥ 2000 | 75.8 | 81.1 | 81.3 | 81.3 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 |
| ≥ 1800 | 76.3 | 81.7 | 81.9 | 81.9 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 |
| ≥ 1500 | 77.1 | 82.9 | 83.3 | 83.5 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 |
| ≥ 1200 | 77.4 | 84.6 | 85.3 | 85.5 | 85.8 | 85.8 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 |
| ≥ 1000 | 77.7 | 85.3 | 86.2 | 86.6 | 86.9 | 86.9 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 |
| ≥ 900 | 78.0 | 86.3 | 87.4 | 87.7 | 88.1 | 88.1 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 |
| ≥ 800 | 78.2 | 86.6 | 87.8 | 88.2 | 88.5 | 88.6 | 88.8 | 88.9 | 88.9 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 |
| ≥ 700 | 78.4 | 87.3 | 88.8 | 89.4 | 89.7 | 89.9 | 90.1 | 90.3 | 90.3 | 90.3 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 |
| ≥ 600 | 78.4 | 87.7 | 89.6 | 90.2 | 90.6 | 90.9 | 91.5 | 91.8 | 91.8 | 91.8 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 |
| ≥ 500 | 78.4 | 87.8 | 90.1 | 90.8 | 91.5 | 92.0 | 92.8 | 93.3 | 93.3 | 93.4 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 |
| ≥ 400 | 78.4 | 87.8 | 90.1 | 90.9 | 91.9 | 92.7 | 94.0 | 94.6 | 94.9 | 95.2 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| ≥ 300 | 78.4 | 88.2 | 90.5 | 91.5 | 92.8 | 93.5 | 95.3 | 96.3 | 96.8 | 97.3 | 97.6 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 |
| ≥ 200 | 78.4 | 88.2 | 90.5 | 91.6 | 93.0 | 93.9 | 95.8 | 97.1 | 97.7 | 98.5 | 98.8 | 98.8 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 100 | 78.4 | 88.2 | 90.5 | 91.6 | 93.0 | 93.9 | 95.8 | 97.3 | 98.0 | 99.1 | 99.5 | 99.5 | 99.7 | 99.7 | 99.8 | 99.8 |
| ≥ C | 78.4 | 88.2 | 90.5 | 91.6 | 93.0 | 93.9 | 95.8 | 97.3 | 98.0 | 99.1 | 99.5 | 99.5 | 99.7 | 99.7 | 99.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03933
STATION

FORT HOOD TEXAS/FORT HOOD AAF
STATION NAME

60-69
YEARS

DIC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS U.T.

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥0 |
| NO CEILING | 55.1 | 57.3 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 54.4 |
| ≥ 20000 | 59.3 | 61.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 63.1 |
| ≥ 18000 | 59.3 | 61.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 63.1 |
| ≥ 16000 | 59.3 | 61.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 63.1 |
| ≥ 14000 | 59.3 | 61.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 63.1 |
| ≥ 12000 | 59.4 | 61.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.2 |
| ≥ 10000 | 60.5 | 63.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.5 |
| ≥ 9000 | 61.6 | 64.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.6 |
| ≥ 8000 | 62.6 | 66.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.3 |
| ≥ 7000 | 62.6 | 66.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.3 |
| ≥ 6000 | 63.6 | 67.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.3 |
| ≥ 5000 | 65.2 | 68.7 | 69.7 | 69.9 | 69.9 | 69.9 | 69.9 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.2 |
| ≥ 4500 | 66.2 | 69.9 | 70.9 | 71.0 | 71.0 | 71.0 | 71.0 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.3 |
| ≥ 4000 | 67.1 | 71.0 | 72.0 | 72.2 | 72.2 | 72.2 | 72.2 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.5 |
| ≥ 3500 | 68.0 | 72.2 | 73.3 | 73.5 | 73.5 | 73.5 | 73.5 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.9 |
| ≥ 3000 | 70.2 | 75.1 | 76.2 | 76.4 | 76.4 | 76.4 | 76.4 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.8 |
| ≥ 2500 | 71.2 | 76.5 | 77.8 | 78.1 | 78.3 | 78.3 | 78.3 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.6 |
| ≥ 2000 | 72.0 | 78.0 | 79.2 | 79.6 | 79.9 | 79.9 | 79.9 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.2 |
| ≥ 1800 | 72.5 | 78.6 | 79.9 | 80.3 | 80.5 | 80.5 | 80.5 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.9 |
| ≥ 1500 | 73.3 | 79.5 | 80.8 | 81.3 | 81.5 | 81.5 | 81.5 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 82.0 |
| ≥ 1200 | 74.9 | 82.2 | 83.5 | 84.1 | 84.5 | 84.5 | 84.5 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 85.0 |
| ≥ 1000 | 75.4 | 83.0 | 84.5 | 85.1 | 85.5 | 85.5 | 85.5 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 86.0 |
| ≥ 900 | 75.9 | 83.8 | 85.4 | 86.0 | 86.4 | 86.4 | 86.4 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 87.0 |
| ≥ 800 | 76.1 | 84.4 | 86.2 | 86.8 | 87.2 | 87.2 | 87.2 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.8 |
| ≥ 700 | 76.3 | 85.0 | 87.0 | 87.7 | 88.1 | 88.3 | 88.3 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.9 |
| ≥ 600 | 76.3 | 85.2 | 87.8 | 88.4 | 88.9 | 89.5 | 89.8 | 90.1 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.5 |
| ≥ 500 | 76.5 | 85.5 | 88.4 | 89.3 | 90.0 | 90.8 | 91.0 | 91.5 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 92.0 |
| ≥ 400 | 76.5 | 85.5 | 88.7 | 89.7 | 90.3 | 91.4 | 92.7 | 93.3 | 93.5 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.9 |
| ≥ 300 | 76.5 | 86.0 | 89.2 | 90.3 | 91.4 | 92.5 | 94.4 | 95.8 | 96.1 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.9 |
| ≥ 200 | 76.5 | 86.0 | 89.3 | 90.7 | 91.8 | 92.9 | 94.9 | 96.6 | 97.1 | 97.8 | 97.9 | 97.9 | 97.9 | 98.0 | 98.1 | 98.6 |
| ≥ 100 | 76.5 | 86.0 | 89.3 | 90.7 | 91.8 | 92.9 | 94.9 | 96.6 | 97.2 | 98.4 | 98.6 | 98.6 | 98.6 | 98.7 | 99.1 | 99.8 |
| ≥ 0 | 76.5 | 86.0 | 89.3 | 90.7 | 91.8 | 92.9 | 94.9 | 96.6 | 97.2 | 98.4 | 98.6 | 98.6 | 98.6 | 98.7 | 99.2 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

899

PART D

SKY COVER

This summary is prepared from hourly observations and is a percentage frequency distribution of total sky cover by tenths, plus mean sky cover, and total number of observations. It is presented in two tables as follows:

1. By month and annual - all hours and all years combined.
2. By month - by standard 3-hour groups.

NOTE: # 1: Sky cover (total cloud amount) was not reported by U. S. Services until mid 1945. Data, when available, were punched for Air Force stations beginning in 1946, but were not available for Navy stations until 1948 or 1949. Weather Bureau stations recorded total cloud amount in remarks beginning sometime in 1945, but few stations have punched data prior to 1948. This summary will, of course, be limited to period of available data.

NOTE: # 2: Some sources of punched data used for this summary report cloud amounts in oktas. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in oktas. The manner of conversion is given below:

| <u>OKTAS</u> | <u>TENTHS</u> |
|-----------------|---------------|
| 0 | 0 |
| 1 | 1 |
| 2 | 3 |
| 3 | 4 |
| 4 | 5 |
| 5 | 6 |
| 6 | 8 |
| 7 | 9 |
| 8 (or obscured) | 10 |

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/AAC

SKY COVER

03935
STATION

FORT HODG TEXAS/FORT HODG AAF
STATION NAME

01-71

PERIOD

01
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS. |
|--------|-------------------|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|--------------------------------|-------------------------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| JAN | ALL | 26.4 | 5.4 | 4.3 | 3.3 | 2.0 | 1.4 | 2.5 | 3.2 | 4.1 | 1.1 | 45.4 | 5.1 | 1221 |
| FEB | | 29.4 | 5.1 | 4.6 | 3.1 | 2.0 | 1.1 | 2.5 | 3.6 | 4.1 | 2.7 | 40.1 | 5.4 | 1145 |
| MAR | | 27.1 | 5.0 | 4.2 | 3.1 | 2.1 | 2.1 | 2.1 | 4.4 | 4.5 | 1.4 | 43.4 | 5.6 | 7135 |
| APR | | 20.0 | 4.4 | 4.2 | 3.1 | 2.2 | 1.7 | 2.2 | 4.4 | 4.1 | 5.4 | 47.1 | 6.1 | 7112 |
| MAY | | 17.7 | 4.4 | 4.4 | 4.4 | 4.7 | 4.1 | 4.1 | 5.4 | 7.6 | 4.2 | 36.5 | 6.1 | 7438 |
| JUN | | 15.4 | 4.3 | 6.7 | 7.6 | 7.2 | 6.5 | 5.9 | 6.1 | 8.4 | 5.0 | 18.1 | 5.1 | 7106 |
| JUL | | 23.5 | 4.3 | 9.8 | 4.1 | 7.1 | 6.3 | 5.1 | 4.0 | 6.2 | 4.8 | 11.2 | 4.1 | 6590 |
| AUG | | 23.2 | 8.9 | 6.6 | 9.2 | 6.7 | 7.1 | 4.8 | 6.3 | 7.0 | 4.3 | 11.4 | 4.1 | 6592 |
| SEP | | 27.5 | 6.5 | 6.9 | 6.6 | 5.6 | 4.7 | 4.1 | 5.6 | 6.6 | 4.5 | 21.2 | 4.6 | 6403 |
| OCT | | 41.1 | 6.7 | 5.0 | 4.4 | 3.2 | 3.2 | 3.0 | 4.1 | 5.4 | 4.4 | 19.2 | 3.6 | 6094 |
| NOV | | 30.8 | 5.0 | 4.6 | 4.2 | 3.1 | 2.3 | 3.0 | 4.1 | 5.0 | 4.3 | 12.5 | 5.1 | 6231 |
| DEC | | 29.2 | 4.5 | 4.7 | 3.6 | 2.0 | 2.0 | 2.5 | 3.4 | 4.1 | 2.1 | 40.3 | 5.5 | 1217 |
| TOTALS | | 26.3 | 6.0 | 5.0 | 5.3 | 4.0 | 1.8 | 1.6 | 4.9 | 5.9 | 4.3 | 29.8 | 5.1 | 83621 |

SKY COVER

• **21**

MONTH

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS |
|--------|-------------------|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|--------------------------------|------------------------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| JAN | 00-02 | 37.0 | 2.9 | 4.1 | 2.2 | 2.3 | 2.4 | 1.3 | 2.5 | 2.2 | 1.1 | 41.5 | 5.1 | 237 |
| | 03-05 | 33.7 | 2.5 | 2.7 | 3.1 | 2.0 | 1.6 | 1.9 | 2.4 | 3.6 | .3 | 44.5 | 5.5 | 177 |
| | 06-08 | 22.0 | 5.5 | 5.4 | 3.4 | 2.0 | 1.7 | 1.5 | 2.5 | 3.9 | 2.1 | 47.1 | 6.1 | 120 |
| | 09-11 | 17.2 | 5.8 | 4.6 | 4.3 | 3.2 | 2.2 | 3.2 | 2.2 | 4.0 | 3.2 | 49.1 | 6.3 | 53 |
| | 12-14 | 20.0 | 6.6 | 5.7 | 4.0 | 2.7 | 2.1 | 2.2 | 4.5 | 4.2 | 5.1 | 44.1 | 6.2 | 215 |
| | 15-17 | 20.5 | 7.3 | 3.0 | 3.0 | 2.7 | 2.9 | 3.2 | 4.5 | 3.5 | 3.2 | 42.4 | 6.5 | 129 |
| | 18-20 | 22.8 | 8.4 | 6.2 | 3.5 | 2.0 | 2.2 | 3.5 | 4.5 | 4.9 | 5.1 | 38.2 | 5.5 | 215 |
| | 21-23 | 39.0 | 3.4 | 4.0 | 2.1 | 2.7 | 3.1 | 3.1 | 2.3 | 3.9 | 6.4 | 37.5 | 5.0 | 299 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 20.6 | 5.4 | 4.3 | 3.3 | 2.6 | 2.1 | 2.5 | 3.2 | 4.0 | 4.3 | 43.4 | 5.8 | 7221 |

SKY COVER

1-71

STATION

STATION NAME

PERIOD

MONTH

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO OF OBS |
|--------|-------------------|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|--------------------------------|-----------------------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| 11-12 | 00-02 | 42.3 | 3.4 | 2.8 | 3.7 | 1.3 | .7 | 1.6 | 1.7 | 2.3 | 2.4 | 27.5 | 4.4 | 7. |
| | 03-05 | 37.4 | 3.1 | 2.3 | 3.3 | 2.1 | 1.7 | 2.9 | 2.8 | 2.3 | 1.4 | 39.3 | 5.0 | 7. |
| | 05-08 | 27.3 | 5.1 | 3.2 | 2.4 | 1.4 | 2.6 | 2.1 | 3.6 | 4.4 | 2.4 | 34.7 | 5.3 | 14. |
| | 09-11 | 23.7 | 6.0 | 2.7 | 3.3 | 3.1 | 2.7 | 2.2 | 3.1 | 4.3 | 1.7 | 40.4 | 6.3 | 4. |
| | 12-14 | 22.7 | 6.4 | 3.4 | 4.3 | 3.2 | 2.1 | 2.1 | 4.6 | 4.3 | 1.4 | 42.5 | 5.9 | 16. |
| | 15-17 | 22.2 | 5.7 | 4.4 | 4.0 | 3.0 | 2.5 | 3.0 | 5.0 | 5.2 | 1.4 | 37.7 | 5.4 | 14. |
| | 18-20 | 24.6 | 6.6 | 6.0 | 2.7 | 3.1 | 2.6 | 3.5 | 3.9 | 6.3 | 3.7 | 37.2 | 5.5 | 34. |
| | 21-23 | 36.5 | 4.7 | 4.0 | 4.4 | 2.3 | 1.3 | 2.2 | 3.1 | 1.2 | 1.2 | 34.1 | 4.3 | 41. |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 24.2 | 5.1 | 3.6 | 3.2 | 2.8 | 2.0 | 2.5 | 3.5 | 4.1 | 2.4 | 40.7 | 5.4 | 550. |

SKY COVER

11-71

MONTH

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS. |
|--------|-------------------|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|--------------------------------|-------------------------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| MAR | 01-02 | 35.7 | 3.2 | 3.5 | 3.1 | 2.3 | 1.7 | 2.1 | 2.8 | 2.6 | 1.5 | 40.1 | 5.1 | 70 |
| | 03-05 | 31.4 | 3.7 | 2.1 | 2.7 | 2.2 | 1.2 | 2.7 | 3.6 | 3.5 | 1.7 | 43.1 | 5.1 | 70 |
| | 06-08 | 23.1 | 5.1 | 4.1 | 2.7 | 2.2 | 1.7 | 3.1 | 3.3 | 3.7 | 4.2 | 40.1 | 5.1 | 70 |
| | 09-11 | 22.4 | 4.0 | 2.7 | 3.2 | 4.0 | 2.4 | 2.5 | 2.9 | 4.6 | 4.1 | 47.1 | 5.5 | 70 |
| | 12-14 | 20.8 | 5.6 | 5.5 | 2.5 | 3.4 | 3.2 | 2.8 | 4.0 | 5.5 | 5.5 | 39.1 | 5.0 | 70 |
| | 15-17 | 21.5 | 6.7 | 4.4 | 4.1 | 2.7 | 3.5 | 3.6 | 4.5 | 5.6 | 5.7 | 37.1 | 5.0 | 70 |
| | 18-20 | 25.0 | 7.3 | 5.1 | 4.5 | 5.8 | 2.0 | 4.6 | 3.3 | 2.0 | 4.0 | 34.1 | 5.3 | 70 |
| | 21-23 | 35.0 | 4.4 | 5.5 | 4.6 | 2.0 | 2.3 | 2.7 | 2.8 | 4.4 | 2.1 | 33.2 | 4.7 | 71 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 27.1 | 5.0 | 4.2 | 3.5 | 2.9 | 2.4 | 2.9 | 3.4 | 4.5 | 5.7 | 40.2 | 5.0 | 713 |

SKY COVER

STATION NAME

PERIOD

MONTH

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS. |
|--------|-------------------|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|--------------------------------|-------------------------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| APR | 00-02 | 16.6 | 2.4 | 3.7 | 3.3 | 2.6 | 1.1 | 3.8 | 3.0 | 5.2 | 3.2 | 44. | 6.3 | 70. |
| | 03-05 | 23.9 | 2.7 | 2.7 | 2.7 | 1.7 | .8 | 2.3 | 4.0 | 3.3 | 3.4 | 21. | 6.5 | 70. |
| | 06-08 | 14.2 | 4.0 | 3.6 | 3.2 | 2.7 | 1.7 | 2.7 | 3.0 | 5.4 | 6.0 | 53.1 | 7.1 | 70. |
| | 09-11 | 15.4 | 4.1 | 3.6 | 2.7 | 2.4 | 3.2 | 2.6 | 3.0 | 7.0 | 4.1 | 43.7 | 6.0 | 75. |
| | 12-14 | 16.4 | 3.1 | 4.0 | 3.4 | 1.6 | 4.4 | 2.1 | 3.9 | 4.2 | 6.8 | 38.7 | 6.2 | 70. |
| | 15-17 | 14.0 | 4.1 | 3.9 | 4.3 | 3.0 | 4.3 | 2.0 | 3.0 | 6.9 | 7.6 | 37.7 | 6.1 | 59. |
| | 18-20 | 18.7 | 6.8 | 6.3 | 4.3 | 3.2 | 2.9 | 4.1 | 4.7 | 3.5 | 3.4 | 17.7 | 5.5 | 49. |
| | 21-23 | 28.0 | 5.8 | 5.3 | 6.3 | 3.3 | 2.4 | 3.2 | 4.2 | 3.7 | 2.3 | 33.4 | 5.1 | 47. |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 20.6 | 4.4 | 4.2 | 3.8 | 2.9 | 2.7 | 2.9 | 4.4 | 6.0 | 5.4 | 42.3 | 5.2 | 719 |

SKY COVER

MONI

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS. |
|--------|-------------------|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|--------------------------------|-------------------------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| MAY | 00-02 | 27.1 | 3.7 | 4.0 | 3.1 | 4.4 | 2.1 | 4.1 | 5.1 | 5.2 | 3.9 | 33.3 | 5.4 | |
| | 03-05 | 21.6 | 3.4 | 4.0 | 4.0 | 3.4 | 3.2 | 3.2 | 3.3 | .1 | 3.4 | 41.3 | 6.1 | 13 |
| | 06-06 | 12.3 | 4.0 | 4.0 | 2.0 | 3.4 | 2.3 | 3.3 | 3.4 | 4.5 | 0.0 | 59.0 | 7.1 | 49 |
| | 09-11 | 14.4 | 4.6 | 2.9 | 3.3 | 2.7 | 2.7 | 2.9 | 3.3 | 1.7 | 1.7 | 43.2 | 6.4 | 24 |
| | 12-14 | 12.4 | 4.4 | 2.7 | 3.4 | 3.5 | 6.6 | 4.5 | 6.4 | 3.7 | 4.1 | 16.2 | 6.0 | 24 |
| | 15-17 | 13.5 | 4.2 | 3.9 | 6.1 | 1.3 | 7.7 | 4.7 | 7.3 | 7.2 | 7.1 | 30.2 | 6.1 | 12 |
| | 18-20 | 15.1 | 3.5 | 6.8 | 7.5 | 5.2 | 3.1 | 5.7 | 5.7 | 9.6 | 5.5 | 28.3 | 5.1 | 10 |
| | 21-23 | 24.3 | 5.7 | 7.1 | 6.6 | 4.8 | 4.3 | 3.9 | 6.8 | 5.1 | 3.1 | 27.4 | 5.0 | 23 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 17.7 | 4.4 | 4.4 | 4.9 | 4.7 | 4.2 | 4.1 | 3.4 | 7.6 | 6.2 | 36.3 | 6.1 | 74 |

SKY COVER

1. 1-74

STATION

STATION NAME

PERIOD

MONTH

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS | |
|--------|-------------------|---|------|------|------|------|------|-----|------|------|------|--------------------------------|------------------------|------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | | 10 |
| JUN | 00-02 | 38.2 | 5.7 | 3.6 | 5.7 | 4.3 | 3.7 | 4.0 | 0.1 | 5.1 | 1.4 | 20.0 | 3.0 | 492 |
| | 03-05 | 23.7 | 5.4 | 0.0 | 6.3 | 2.0 | 4.3 | 5.7 | 6.7 | 8.7 | 3.4 | 23.3 | 5.1 | 370 |
| | 06-08 | 12.4 | 4.2 | 4.8 | 5.1 | 0.0 | 3.2 | 4.4 | 10.3 | 10.3 | 10.0 | 27.7 | 6.2 | 963 |
| | 09-11 | 10.4 | 4.1 | 5.6 | 4.5 | 1.9 | 8.4 | 7.5 | 11.0 | 12.0 | 0.3 | 18.0 | 7.5 | 100 |
| | 12-14 | 7.4 | 3.4 | 4.1 | 7.7 | 11.1 | 11.0 | 9.9 | 12.0 | 11.2 | 7.0 | 13.7 | 5.7 | 700 |
| | 15-17 | 6.3 | 5.3 | 7.3 | 13.0 | 13.0 | 10.4 | 7.4 | 7.0 | 5.3 | 4.4 | 13.7 | 5.3 | 900 |
| | 18-20 | 14.8 | 12.6 | 12.2 | 10.4 | 8.0 | 6.4 | 4.6 | 6.6 | 5.1 | 4.1 | 12.5 | 4.3 | 422 |
| | 21-23 | 36.9 | 11.1 | 8.1 | 5.5 | 0.1 | 3.7 | 3.7 | 2.9 | 4.4 | 2.5 | 13.0 | 3.3 | 700 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 18.8 | 6.5 | 6.7 | 7.6 | 7.9 | 6.9 | 5.9 | 8.1 | 8.4 | 5.6 | 10.0 | 5.0 | 7100 |

SKY COVER

61-57

STATION

STATION NAME

PERIOD

MONTH

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS |
|--------|-------------------|---|------|------|------|------|------|-----|------|------|-----|------|--------------------------------|------------------------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| JUL | 00-02 | 48.6 | 8.1 | 9.8 | 6.1 | 4.7 | 3.7 | 2.9 | 3.9 | 1.5 | 1.4 | 6. | 1.4 | 436 |
| | 03-05 | 20.4 | 8.7 | 10.3 | 9.4 | 3.4 | 4.7 | 4.5 | 5.4 | 5.3 | 5.2 | 7.7 | 3.7 | 717 |
| | 06-08 | 15.5 | 9.1 | 10.2 | 10.3 | 11.8 | 4.7 | 5.6 | 7.4 | 11.0 | 7.5 | 14.7 | 4.0 | 635 |
| | 09-11 | 16.5 | 10.3 | 9.8 | 7.7 | 7.6 | 4.7 | 7.5 | 7.1 | 3.6 | 5.5 | 12.2 | 4.7 | 735 |
| | 12-14 | 5.4 | 6.0 | 7.5 | 9.0 | 10.9 | 11.2 | 6.8 | 11.4 | 11.0 | 5.1 | 16.4 | 5.7 | 136 |
| | 15-17 | 7.4 | 8.8 | 7.5 | 10.6 | 11.6 | 12.1 | 6.2 | 9.2 | 4.1 | 6.4 | 12.5 | 2.2 | 837 |
| | 18-20 | 14.1 | 13.9 | 13.5 | 11.0 | 5.8 | 5.2 | 2.5 | 6.5 | 7.3 | 7.1 | 13.1 | 6.4 | 534 |
| | 21-23 | 24.4 | 11.5 | 10.3 | 8.5 | 5.0 | 4.3 | 3.6 | 4.4 | 5.0 | 1.4 | 6.1 | 2.7 | 237 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 23.5 | 9.3 | 9.8 | 9.1 | 7.2 | 6.3 | 4.1 | 6.9 | 6.9 | 4.8 | 11.2 | 4.1 | 6091 |

SKY COVER

(100)

MONTH

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO OF OBS |
|--------|-------------------|---|------|------|------|------|------|-----|-----|------|-----|------|--------------------------------|-----------------------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| AUG | 00-02 | 48.1 | 7.2 | 9.1 | 6.1 | 5.7 | 2.4 | 3.2 | 3.3 | 3.1 | 2.4 | 10.2 | 2.7 | 31 |
| | 03-05 | 45.0 | 8.5 | 7.0 | 6.0 | 4.7 | 2.7 | 3.0 | 4.5 | 3.5 | 2.2 | 11.1 | 2.9 | 37 |
| | 06-08 | 19.0 | 10.3 | 9.6 | 11.1 | 8.0 | 4.4 | 4.6 | 3.6 | 5.5 | 5.1 | 13.9 | 4.3 | 36 |
| | 09-11 | 12.9 | 11.1 | 8.1 | 9.1 | 9.7 | 2.6 | 6.2 | 7.2 | 7.7 | 4.2 | 14.1 | 4.2 | 34 |
| | 12-14 | 6.1 | 4.7 | 7.4 | 12.3 | 13.0 | 13.1 | 4.7 | 0.5 | 17.0 | 6.1 | 11.4 | 5.2 | 15 |
| | 15-17 | 3.1 | 4.0 | 6.7 | 12.2 | 15.6 | 16.4 | 6.9 | 0.3 | 7.2 | 5.5 | 11.0 | 5.3 | 29 |
| | 18-20 | 11.4 | 11.6 | 11.2 | 11.2 | 9.9 | 5.7 | 5.6 | 6.6 | 5.3 | 6.6 | 11.3 | 4.6 | 33 |
| | 21-23 | 35.2 | 13.4 | 8.0 | 5.4 | 3.1 | 3.6 | 4.2 | 6.2 | 5.0 | 2.0 | 11.9 | 3.2 | 45 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 23.2 | 8.9 | 8.6 | 9.2 | 8.7 | 7.1 | 4.9 | 6.3 | 7.0 | 4.3 | 11.9 | 4.1 | 664 |

SKY COVER

6. (10%)

STATION

STATION NAME

PERIOD

MONTH

[illegible]

SKY COVER

4-1-50

PERIOD

MONTH

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO OF OBS |
|--------|-------------------|---|------|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|--------------------------------|-----------------------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | | |
| OCT | 00-02 | 93.5 | 5.4 | 4.4 | 3.5 | 2.7 | 2.5 | 3.3 | 2.7 | 3.4 | 2.0 | 14.1 | 3.1 | 84 | |
| | 03-05 | 64.5 | 4.7 | 3.1 | 3.1 | 2.4 | 2.3 | 2.4 | 3.1 | 4.2 | 2.0 | 20.7 | 3.1 | 114 | |
| | 06-08 | 35.7 | 5.9 | 3.8 | 3.5 | 3.9 | 2.5 | 3.1 | 4.1 | 5.4 | 4.5 | 20.2 | 4.0 | 83 | |
| | 09-11 | 32.0 | 5.1 | 4.7 | 4.1 | 5.7 | 3.9 | 2.4 | 4.2 | 7.2 | 6.5 | 26.1 | 4.0 | 83 | |
| | 12-14 | 28.0 | 7.7 | 6.8 | 5.1 | 3.9 | 4.0 | 3.6 | 5.5 | 6.9 | 7.3 | 19.1 | 4.5 | 47 | |
| | 15-17 | 30.3 | 10.0 | 6.8 | 6.5 | 5.0 | 4.2 | 2.9 | 3.3 | 3.1 | 5.9 | 14.1 | 4.1 | 43 | |
| | 18-20 | 41.9 | 11.1 | 5.7 | 4.3 | 2.2 | 2.8 | 3.2 | 4.1 | 4.9 | 3.6 | 14.0 | 3.3 | 59 | |
| | 21-23 | 50.6 | 6.7 | 4.9 | 2.7 | 2.9 | 1.7 | 2.7 | 3.9 | 2.9 | 1.5 | 13.1 | 2.0 | 42 | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| TOTALS | | 41.1 | 6.7 | 5.0 | 4.4 | 3.5 | 3.7 | 3.0 | 4.1 | 5.4 | 4.4 | 19.7 | 3.8 | 650 | |

SKY COVER

12

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS. |
|--------|-------------------|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|--------------------------------|-------------------------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| MAY | 00-02 | 41.0 | 3.7 | 5.5 | 4.1 | 2.6 | 1.4 | 2.1 | 2.4 | 4.2 | 2.7 | 28.0 | 4.2 | 62 |
| | 03-05 | 39.3 | 2.7 | 4.0 | 3.7 | 2.0 | 1.3 | 2.3 | 3.0 | 1.5 | 2.4 | 49.5 | 4.2 | 71 |
| | 06-08 | 27.1 | 0.0 | 3.9 | 2.2 | 2.3 | 1.3 | 2.9 | 4.4 | 6.0 | 5.3 | 38.1 | 3.0 | 116 |
| | 09-11 | 22.3 | 4.3 | 3.8 | 3.4 | 2.5 | 2.2 | 2.5 | 6.4 | 7.3 | 6.6 | 36.3 | 4.1 | 120 |
| | 12-14 | 23.5 | 4.1 | 5.0 | 3.3 | 3.5 | 2.6 | 3.8 | 5.2 | 7.1 | 6.7 | 34.7 | 3.4 | 132 |
| | 15-17 | 22.0 | 3.7 | 4.6 | 3.2 | 2.7 | 4.3 | 4.3 | 4.8 | 7.5 | 5.6 | 31.7 | 3.2 | 170 |
| | 18-20 | 29.6 | 0.4 | 6.3 | 4.7 | 3.5 | 3.0 | 3.9 | 4.2 | 6.0 | 5.1 | 27.0 | 3.6 | 121 |
| | 21-23 | 41.0 | 3.0 | 4.7 | 5.5 | 3.2 | 2.1 | 1.0 | 4.0 | 3.3 | 2.6 | 27.2 | 4.1 | 35 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 30.8 | 5.0 | 4.8 | 4.2 | 3.1 | 2.3 | 3.0 | 4.1 | 5.5 | 4.3 | 32.2 | 5.1 | 521 |

SKY COVER

23-54

PERIOD

MONTH

[illegible]

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE (MAC)
ASHEVILLE, NORTH CAROLINA

PART E

PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentation follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviation, and total number of observations in three separate tables as follows:
 - a. Daily maximum temperature
 - b. Daily minimum temperature
 - c. Daily mean temperature
 2. Extreme values - derived from daily observations with extreme value given for each year and month of record available. Extremes are provided for a month if all days for a month contain valid observations. All months for a year must have valid extremes before the ANNUAL value is selected for that year. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extreme temperatures are prepared:
 - a. Extremes maximum temperature
 - b. Extreme minimum temperature
- NOTE: A supplementary list also provides extreme temperatures when less than a full month is reported.
3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and all years combined. The following information is provided:
 - a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature vertically. Also provided for each dry-bulb temperature interval is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may require two pages in some cases.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

- b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ($\sum X^2$), sums of values ($\sum X$), means (\bar{X}), and standard deviations (σx). The number of observations used in the computations for each element is also shown.
- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulations by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

- 4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years available are combined. Tables are prepared for the following:
 - a. Dry-bulb temperature
 - b. Wet-bulb temperature
 - c. Dew-point temperature
- 5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
 - a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
 - b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC
 03933 FORT HOOD TEXAS/FORT HOOD AAF
 STATION STATION NAME

61-69

YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM DAILY OBSERVATIONS)

MAXIMUM

| TEMP (°F) | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|-----------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|
| 105 | | | | | | | 1.6 | 1.6 | | | | | 2.2 |
| 100 | | | | | | 1.4 | 8.0 | 14.8 | 2.1 | | | | 7.3 |
| 95 | | | | 8.8 | 2.4 | 11.2 | 44.8 | 48.3 | 16.2 | | | | 10.6 |
| 90 | | | 1.3 | 4.6 | 11.3 | 58.7 | 82.7 | 89.1 | 39.6 | 7.7 | | | 25.1 |
| 85 | 1.5 | 1.0 | 5.6 | 17.5 | 43.2 | 86.2 | 96.4 | 96.0 | 65.0 | 23.8 | 2.1 | | 37.4 |
| 80 | 1.5 | 3.0 | 12.8 | 34.6 | 68.1 | 94.6 | 99.5 | 98.4 | 85.4 | 53.2 | 10.0 | 1.4 | 48.6 |
| 75 | 7.3 | 8.1 | 30.6 | 71.7 | 90.3 | 98.7 | 100.0 | 100.0 | 94.6 | 73.4 | 36.8 | 5.3 | 60.1 |
| 70 | 16.5 | 21.7 | 51.7 | 84.2 | 96.8 | 99.2 | | | 99.6 | 91.4 | 50.0 | 21.6 | 70.1 |
| 65 | 32.3 | 34.3 | 78.3 | 95.3 | 99.7 | 100.0 | | | 100.0 | 98.0 | 87.9 | 36.7 | 78.5 |
| 60 | 46.8 | 49.5 | 80.8 | 95.7 | 100.0 | | | | | 99.6 | 82.1 | 50.4 | 84.7 |
| 55 | 62.5 | 65.2 | 83.9 | 99.6 | | | | | | | 90.8 | 64.1 | 89.5 |
| 50 | 73.8 | 83.3 | 95.3 | 100.0 | | | | | | 100.0 | 94.2 | 79.6 | 93.9 |
| 45 | 82.3 | 92.4 | 97.4 | | | | | | | | 98.7 | 87.1 | 96.5 |
| 40 | 88.3 | 97.0 | 99.1 | | | | | | | | 100.0 | 93.3 | 93.2 |
| 35 | 94.0 | 99.0 | 100.0 | | | | | | | | | 98.3 | 97.3 |
| 30 | 98.0 | 100.0 | | | | | | | | | | 99.3 | 99.8 |
| 25 | 99.7 | | | | | | | | | | | 100.0 | 99.9 |
| 15 | 100.0 | | | | | | | | | | | | 100.0 |
| MEAN | 57.0 | 57.7 | 66.8 | 77.8 | 82.7 | 89.4 | 92.6 | 94.3 | 88.4 | 79.1 | 68.2 | 58.8 | 76.4 |
| S D | 12.948 | 10.917 | 10.600 | 7.497 | 6.358 | 5.432 | 4.818 | 5.012 | 6.974 | 7.017 | 9.737 | 11.374 | 15.379 |
| TOTAL OBS | 295 | 198 | 234 | 240 | 240 | 240 | 258 | 240 | 240 | 248 | 240 | 240 | 2880 |

DATA PROCESSING DIVISION

USAF ETAC

AIR WEATHER SERVICE/4AC

03933 FORT HOOD TEXAS/FORT HOOD AAF

01-69

STATION

STATION NAME

YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MINIMUM

| TEMP (°F) | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|------------|--------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 80 | | | | | | 1.2 | 2.4 | | | | | | 3.6 |
| 75 | | | | | 8 | 15.0 | 33.8 | 33.8 | 12.1 | 1.2 | | | 8.2 |
| 70 | | | | 4.2 | 22.6 | 65.4 | 91.5 | 99.1 | 50.0 | 9.7 | | | 28.3 |
| 65 | | | 3.4 | 17.5 | 52.8 | 94.6 | 98.8 | 98.8 | 75.4 | 21.1 | 4.2 | 1.1 | 40.7 |
| 60 | 4.3 | 1.5 | 14.5 | 31.7 | 80.2 | 99.2 | 100.0 | 100.0 | 38.7 | 53.5 | 14.4 | 4.4 | 51.1 |
| 55 | 7.7 | 6.5 | 27.4 | 70.0 | 94.0 | 98.6 | | | 98.1 | 64.5 | 25.8 | 8.5 | 59.4 |
| 50 | 15.7 | 14.1 | 44.9 | 84.2 | 98.6 | 100.0 | | | 99.2 | 85.9 | 45.8 | 14.1 | 67.8 |
| 45 | 25.0 | 24.7 | 59.0 | 95.4 | 100.0 | | | | 100.0 | 98.0 | 65.3 | 26.0 | 76.0 |
| 40 | 38.7 | 44.0 | 77.8 | 98.7 | | | | | | 99.4 | 85.4 | 44.4 | 83.0 |
| 35 | 56.9 | 69.7 | 87.6 | 100.0 | | | | | | 100.0 | 94.4 | 68.1 | 95.1 |
| 30 | 65.1 | 77.3 | 91.3 | | | | | | | | 97.1 | 76.7 | 92.5 |
| 25 | 75.4 | 86.9 | 95.2 | | | | | | | | 99.6 | 89.1 | 95.3 |
| 20 | 85.5 | 95.8 | 99.1 | | | | | | | | 100.0 | 94.7 | 97.7 |
| 15 | 91.9 | 99.8 | 100.0 | | | | | | | | | 99.3 | 99.7 |
| 10 | 97.6 | 100.0 | | | | | | | | | | 100.0 | 99.8 |
| 5 | 100.0 | | | | | | | | | | | | 100.0 |
| 0 | | | | | | | | | | | | | |
| -5 | | | | | | | | | | | | | |
| -10 | | | | | | | | | | | | | |
| -15 | | | | | | | | | | | | | |
| -20 | | | | | | | | | | | | | |
| -25 | | | | | | | | | | | | | |
| -30 | | | | | | | | | | | | | |
| -35 | | | | | | | | | | | | | |
| -40 | | | | | | | | | | | | | |
| -45 | | | | | | | | | | | | | |
| -50 | | | | | | | | | | | | | |
| -55 | | | | | | | | | | | | | |
| -60 | | | | | | | | | | | | | |
| -65 | | | | | | | | | | | | | |
| -70 | | | | | | | | | | | | | |
| -75 | | | | | | | | | | | | | |
| -80 | | | | | | | | | | | | | |
| -85 | | | | | | | | | | | | | |
| -90 | | | | | | | | | | | | | |
| -95 | | | | | | | | | | | | | |
| -100 | | | | | | | | | | | | | |
| MEAN | 37.2 | 39.0 | 47.7 | 58.5 | 64.5 | 70.5 | 73.1 | 73.2 | 68.0 | 58.0 | 49.0 | 39.4 | 56.5 |
| S D | 11.433 | 8.7 | 10.135 | 7.791 | 5.872 | 3.873 | 3.038 | 3.433 | 5.999 | 7.897 | 8.831 | 9.802 | 13.188 |
| TOTAL OBS. | 240 | 198 | 234 | 240 | 240 | 240 | 240 | 240 | 240 | 240 | 240 | 240 | 2880 |

USAF ETAC FORM 0-2 (10-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC
 03933 FORT HOOD TEXAS/FORT HOOD AAF
 STATION STATION NAME

DAILY TEMPERATURES

61-64

YEARS

MEAN

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM DAILY OBSERVATIONS)

| TEMP (°F) | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|-----------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 90 | | | | | 1.2 | 11.7 | 41.5 | 46.4 | 12.9 | | | | 9.7 |
| 85 | | | | 2.1 | 13.7 | 62.1 | 89.1 | 89.5 | 41.7 | | | | 23.8 |
| 80 | | | | | | | | | | 4.4 | | | 38.4 |
| 75 | | | 2.6 | 20.4 | 43.6 | 80.4 | 99.6 | 98.4 | 73.3 | 21.3 | | | 50.2 |
| 70 | .5 | 1.5 | 12.6 | 30.8 | 79.8 | 97.3 | 100.0 | 100.0 | 91.2 | 26.4 | 10.4 | 1.5 | 60.3 |
| 65 | 8.9 | 6.6 | 27.8 | 71.7 | 94.3 | 99.6 | | | 98.3 | 71.4 | 27.9 | 6.5 | 69.4 |
| 60 | 16.1 | 12.1 | 32.1 | 87.1 | 99.2 | 100.0 | | | 99.6 | 92.7 | 49.2 | 14.4 | 77.5 |
| 55 | 25.4 | 30.8 | 68.8 | 96.7 | 100.0 | | | | 100.0 | 99.2 | 24.7 | 31.9 | 84.2 |
| 50 | 43.5 | 48.5 | 80.3 | 100.0 | | | | | | 99.6 | 85.0 | 47.5 | 90.9 |
| 45 | 62.5 | 71.2 | 91.5 | | | | | | | 100.0 | 93.2 | 68.4 | 95.3 |
| 40 | 73.0 | 88.9 | 96.6 | | | | | | | | 99.2 | 83.9 | 97.9 |
| 35 | 86.7 | 93.5 | 98.7 | | | | | | | | 100.0 | 91.7 | 99.1 |
| 30 | 92.3 | 99.0 | 100.0 | | | | | | | | | 98.7 | 99.7 |
| 25 | 97.2 | 100.0 | | | | | | | | | | 100.0 | 99.9 |
| 20 | 100.0 | | | | | | | | | | | | 100.0 |
| 15 | | | | | | | | | | | | | |
| MEAN | 47.3 | 49.6 | 50.3 | 68.4 | 72.8 | 80.3 | 83.6 | 84.0 | 77.7 | 62.9 | 50.8 | 49.4 | 66.7 |
| S.D | 11.546 | 9.022 | 9.730 | 6.934 | 5.492 | 4.154 | 3.457 | 3.852 | 5.900 | 6.667 | 8.515 | 9.180 | 13.019 |
| TOTAL OBS | 248 | 198 | 234 | 240 | 248 | 240 | 240 | 248 | 240 | 240 | 240 | 240 | 2880 |

EXTREME VALUES

MAXIMUM TEMP. (FATOP):
(FROM DAILY OBSERVATIONS)

| | | |
|---------|-------------------------------|-------|
| 03933 | FORT HOOD TEXAS/FORT HOOD AAF | 01-67 |
| STATION | STATION NAME | |

WALL DEGREES PART 1011

[illegible]

EXTREME VALUES

03932
STATION

FOOT HOLE TEXAS/FOOT HOLE AAF
STATION NAME

4100

YEARS

WHOLE SLEEVES FROM WHICH
70% TO 80% LESS FROM FULL SIZES

[illegible]

EXTREME VALUES

| | |
|---------|-------------------------------|
| 03933 | FORT HOOD TEXAS/FORT HOOD AAF |
| STATION | STATION NAME |

61-63

YEARS

WHOLE DEGREES OF PROGRESS

[illegible]

5

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

03933
STATION

FORT HOOD TEXAS/FORT HOOD AAF
STATION NAME

01-67
YEARS

YEARS

WIND SPEED IN FEET PER SECOND
/BASED ON LESS THAN FULL MONTHS/

| MONTH YEAR | JAN | FEB. | MAR. | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ALL MONTHS |
|---------------|-----|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------------------|
| 1 | | | | | | | | | | | | | MIN. TEMP DAYS |
| 2 | | | | | | | | | | | | | MIN. TEMP DAYS |
| 3 | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | | |
| 19 | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | |
| 21 | | | | | | | | | | | | | |
| 22 | | | | | | | | | | | | | |
| 23 | | | | | | | | | | | | | |
| 24 | | | | | | | | | | | | | |
| 25 | | | | | | | | | | | | | |
| 26 | | | | | | | | | | | | | |
| 27 | | | | | | | | | | | | | |
| 28 | | | | | | | | | | | | | |
| 29 | | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | | |
| MEAN | | | | | | | | | | | | | |
| S. D. | | | | | | | | | | | | | |
| TOTAL OBS. | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

03933

FORT HOOD TEXAS/FORT HOOD AAF

60-70

YEARS

1.1
MONTH

PAGE 2

ALL
HOURS (L. S. T.)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OLI)

USAFETAC

PSYCHROMETRIC SUMMARY

61-70

YFARS

—Light

Page 1

ALL

HOURS (L S T)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-226-5 (OLI)

USAFETAC

PSYCHROMETRIC SUMMARY

YEARS

JAN
MONTH

PAGE 2 ALL
HOURS (L. S. T.)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26.5 (OU)

USAFET 'C

PSYCHROMETRIC SUMMARY

03933 STATION FORT HOOD TEXAS/FORT HOOD AAF STATION NAME 61-70

YEARS

55-10

PAGE 1

41
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

03013 FORT HOOD TEXAS/FORT HOOD AAF
STATION STATION NAME

61.70

56 MONTH

PAGE 2

ALL

HOURS (L, S, T)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26.5 (OLI)

WFO

USAFETAC

PSYCHROMETRIC SUMMARY

61-70

48

PAGE 1

ALT

 HOURS S. I.

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0.26-5 (OLI)

USAFETAC

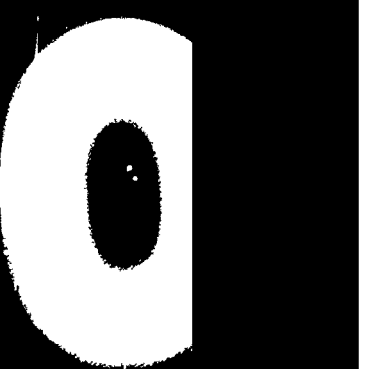
PSYCHROMETRIC SUMMARY

YEARS

541

ALL

[illegible]



PSYCHROMETRIC SUMMARY

03933 FORT HODD TEXAS/FORT HODD AAF
STATION STATION NAME

61-70

APR
MONTH

YEARS

PAGE 2

ALL
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

03933 FORT HOOD TEXAS/FORT HOOD AAF 61-70

YEARS

4A
MONTH

PAGE 2

ALL
RESULTS

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|-----------------|-------------------------------------|----------------|------|----------------|----------|--|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|------|--|--|--|--|--|--|--|--|-------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | > 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | |
| 30/ 29 TOTAL | .8 | 15.9 | 23.2 | 14.4 | 11.1 | 9.4 | 7.2 | 5.1 | 5.2 | 3.7 | 1.8 | .7 | .3 | .1 | .1 | .0 | | | 7440 | | 7440 | 7440 | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | 7440 | | 7440 | | | | | | | | | | | | | |
| Element (X) | Z _X ² | Z _X | X̄ | s _x | No. Obs. | Mean No. of Hours with T ≥ temperature | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Rel. Hum. | 3712328 | 522098 | 70.2 | 17.685 | 7440 | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total | | | | | | | | | | | | | | | | | | | | | | |
| Dry Bulb | 39808168 | 540681 | 72.7 | 8.326 | 7440 | | | 570.3 | 373.1 | 163.9 | 3.9 | 744 | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | 32088859 | 486579 | 65.4 | 5.984 | 7440 | | | 367.4 | 62.4 | 1.0 | | 744 | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | 28388889 | 456303 | 61.3 | 7.363 | 7440 | | | .6 | 189.8 | 10.2 | .1 | 744 | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

03933 FORT HOOD TEXAS/FORT HOOD AAF
STATION STATION NAME

61.70

YEARS

MONTE

PAGE 1

ALL
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|-----|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-----------|----------|----------|-----------|--|--|--|--|--|--|-------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | +31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | |
| 102/101 | | | | | | | | | | | | | .0 | | | | | 1 | 1 | | | | | | | | | | | | |
| 100/ 99 | | | | | | | | | | | | | .0 | .0 | .0 | .1 | .0 | 13 | 13 | | | | | | | | | | | | |
| 98/ 97 | | | | | | | | | | | | .0 | .1 | .2 | .1 | .1 | .0 | 38 | 38 | | | | | | | | | | | | |
| 96/ 95 | | | | | | | | | | | .0 | .2 | .4 | .3 | .1 | .0 | | 73 | 73 | | | | | | | | | | | | |
| 94/ 93 | | | | | | | | | | .1 | .4 | .8 | .9 | .1 | | | | 163 | 163 | | | | | | | | | | | | |
| 92/ 91 | | | | | | | | .1 | .9 | 1.6 | 1.6 | .4 | .1 | | | | | 355 | 355 | | | | | | | | | | | | |
| 90/ 89 | | | | | | | .1 | .8 | 2.1 | 2.0 | .4 | .3 | .1 | | | | | 413 | 413 | | | | | | | | | | | | |
| 88/ 87 | | | | | | .1 | .8 | 2.2 | 2.7 | 1.0 | .2 | .0 | .0 | | | | | 504 | 504 | | | | | | | | | | | | |
| 86/ 85 | | | | | | .0 | 1.8 | 2.4 | 1.2 | .5 | .1 | | | | | | | 476 | 476 | | | | | | | | | | | | |
| 84/ 83 | | | | .0 | .3 | 2.0 | 2.6 | 1.4 | .7 | .1 | .1 | | | | | | | 523 | 523 | | | | | | | | | | | | |
| 82/ 81 | | | .5 | 1.5 | 2.5 | 1.6 | .7 | .3 | .2 | .1 | | | | | | | | 529 | 529 | | | | | | | | | | | | |
| 80/ 79 | | .2 | 1.5 | 2.9 | 2.1 | .8 | .3 | .2 | .0 | .0 | .0 | | | | | | | 580 | 580 | | | | | | | | | | | | |
| 78/ 77 | | .0 | 1.6 | 3.3 | 2.5 | .9 | .4 | .2 | .2 | .1 | .1 | | | | | | | 672 | 672 | 49 | | | | | | | | | | | |
| 76/ 75 | | .6 | 3.6 | 3.0 | 1.5 | .5 | .2 | .1 | .1 | .0 | .0 | | | | | | | 689 | 689 | 516 | 4 | | | | | | | | | | |
| 74/ 73 | .0 | 2.0 | 4.2 | 2.1 | .7 | .3 | .1 | .1 | .1 | .0 | | | | | | | | 686 | 686 | 1431 | 133 | | | | | | | | | | |
| 72/ 71 | .2 | 2.9 | 3.0 | 1.2 | .5 | .1 | .1 | .0 | | | | | | | | | | 577 | 577 | 1981 | 659 | | | | | | | | | | |
| 70/ 69 | .4 | 1.8 | 1.8 | .4 | .4 | .2 | .1 | .0 | | | | | | | | | | 389 | 389 | 1456 | 1462 | | | | | | | | | | |
| 68/ 67 | .3 | .9 | 1.0 | .4 | .2 | .1 | .0 | | | | | | | | | | | 207 | 207 | 710 | 1534 | | | | | | | | | | |
| 66/ 65 | .4 | .7 | .3 | .2 | .1 | .2 | .0 | | | | | | | | | | | 137 | 137 | 450 | 1245 | | | | | | | | | | |
| 64/ 63 | .2 | .2 | .1 | .1 | .1 | .0 | | | | | | | | | | | | 60 | 60 | 246 | 850 | | | | | | | | | | |
| 62/ 61 | | .2 | .2 | .1 | .0 | | | | | | | | | | | | | 40 | 40 | 116 | 519 | | | | | | | | | | |
| 60/ 59 | .0 | .1 | .2 | .1 | | | | | | | | | | | | | | 34 | 34 | 83 | 272 | | | | | | | | | | |
| 58/ 57 | | .2 | .2 | | | | | | | | | | | | | | | 24 | 24 | 79 | 151 | | | | | | | | | | |
| 56/ 55 | | .1 | .1 | | | | | | | | | | | | | | | 16 | 16 | 46 | 116 | | | | | | | | | | |
| 54/ 53 | | .0 | | | | | | | | | | | | | | | | 1 | 1 | 30 | 96 | | | | | | | | | | |
| 52/ 51 | | .1 | | | | | | | | | | | | | | | | 4 | 4 | 3 | 63 | | | | | | | | | | |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | 4 | 50 | | | | | | | | | | |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 24 | | | | | | | | | | |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 13 | | | | | | | | | | |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 6 | | | | | | | | | | |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 3 | | | | | | | | | | |
| TOTAL | 1.6 | 9.8 | 16.4 | 13.4 | 10.7 | | | | | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

YFARS

331
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | |
|-------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | |
| 106/100 | | | | | | | | | | | | | | | | | .0 | 2 | 2 | | | | | | | | | | | | | | | | | |
| 104/103 | | | | | | | | | | | | | | | | | .0 | 4 | 4 | | | | | | | | | | | | | | | | | |
| 102/101 | | | | | | | | | | | | | | | | | .0 | 19 | 19 | | | | | | | | | | | | | | | | | |
| 100/99 | | | | | | | | | | | | | | .2 | .5 | .6 | .1 | 107 | 107 | | | | | | | | | | | | | | | | | |
| 98/97 | | | | | | | | | | | .0 | .4 | 1.0 | 1.0 | .3 | .1 | 190 | 190 | | | | | | | | | | | | | | | | | | |
| 96/95 | | | | | | | | | | .0 | .7 | 2.0 | 1.2 | .5 | .1 | | 299 | 299 | | | | | | | | | | | | | | | | | | |
| 94/93 | | | | | | | .0 | | .0 | .7 | 2.3 | 1.8 | .8 | .1 | .0 | | 385 | 385 | | | | | | | | | | | | | | | | | | |
| 92/91 | | | | | | | .1 | | .8 | 2.3 | 2.4 | .7 | .3 | .0 | | | 436 | 436 | | | | | | | | | | | | | | | | | | |
| 90/89 | | | | | | | .1 | .8 | 2.7 | 2.7 | .8 | .4 | .9 | .0 | .1 | | 511 | 511 | | | | | | | | | | | | | | | | | | |
| 88/87 | | | | | | .1 | .8 | 2.6 | 2.9 | .9 | .3 | .1 | .0 | .0 | | | 492 | 492 | | | | | | | | | | | | | | | | | | |
| 86/85 | | | | .0 | .0 | .4 | 2.4 | 2.7 | .8 | .4 | .2 | .1 | .0 | .0 | | | 476 | 476 | | | | | | | | | | | | | | | | | | |
| 84/83 | | | | .0 | .4 | 2.6 | 2.6 | 1.0 | .3 | .2 | .1 | .0 | .0 | | | | 484 | 484 | | | | | | | | | | | | | | | | | | |
| 82/81 | | | .2 | 2.1 | 3.5 | 1.3 | .4 | .1 | .0 | .0 | | | | | | | 515 | 515 | | | | | | | | | | | | | | | | | | |
| 80/79 | .0 | .2 | 2.1 | 3.7 | 1.9 | .4 | .2 | .1 | .0 | .0 | .0 | | | | | | 579 | 579 | | | | | | | | | | | | | | | | | | |
| 78/77 | | .1 | 1.6 | 4.3 | 2.6 | .7 | .3 | .1 | | .1 | | .0 | | | | | 654 | 654 | 37 | 1 | | | | | | | | | | | | | | | | |
| 76/75 | .0 | 1.1 | 4.1 | 1.1 | 1.0 | .2 | .2 | .1 | .1 | .0 | .0 | | | | | | 665 | 665 | 628 | 14 | | | | | | | | | | | | | | | | |
| 74/73 | .0 | 2.2 | 2.7 | 1.1 | .3 | .2 | .1 | | .0 | | | | | | | | 441 | 441 | 2049 | 123 | | | | | | | | | | | | | | | | |
| 72/71 | .2 | 1.8 | 1.1 | .3 | .1 | .1 | .0 | .0 | | | | | | | | | 245 | 245 | 2260 | 712 | | | | | | | | | | | | | | | | |
| 70/69 | .2 | 1.1 | .3 | .1 | .1 | .0 | .0 | .0 | | | | | | | | | 131 | 131 | 1110 | 1471 | | | | | | | | | | | | | | | | |
| 68/67 | .1 | .3 | .1 | .1 | .0 | .0 | .0 | | | | | | | | | | 44 | 44 | 352 | 1445 | | | | | | | | | | | | | | | | |
| 66/65 | | | .0 | .1 | .0 | .0 | | | | | | | | | | | 11 | 11 | 100 | 1146 | | | | | | | | | | | | | | | | |
| 64/63 | | | .0 | | .0 | | | | | | | | | | | | 4 | 4 | 72 | 694 | | | | | | | | | | | | | | | | |
| 62/61 | | | .0 | | | | | | | | | | | | | | 2 | 2 | 44 | 408 | | | | | | | | | | | | | | | | |
| 60/59 | | | | | | | | | | | | | | | | | | | 20 | 247 | | | | | | | | | | | | | | | | |
| 58/57 | | | | | | | | | | | | | | | | | | | 15 | 189 | | | | | | | | | | | | | | | | |
| 56/55 | | | | | | | | | | | | | | | | | | | 8 | 123 | | | | | | | | | | | | | | | | |
| 54/53 | | | | | | | | | | | | | | | | | | | | 46 | | | | | | | | | | | | | | | | |
| 52/51 | | | | | | | | | | | | | | | | | | | | 21 | | | | | | | | | | | | | | | | |
| 50/49 | | | | | | | | | | | | | | | | | | | | 19 | | | | | | | | | | | | | | | | |
| 48/47 | | | | | | | | | | | | | | | | | | | | 13 | | | | | | | | | | | | | | | | |
| 46/45 | | | | | | | | | | | | | | | | | | | | 10 | | | | | | | | | | | | | | | | |
| 44/43 | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | | | | |
| 42/41 | | | | | | | | | | | | | | | | | | | | 8 | | | | | | | | | | | | | | | | |
| 40/39 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OLI)

USAFETAC

PSYCHROMETRIC SUMMARY

YEARS

July
MONTH

PAGE 2

ALL
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

61-62

YEARS

3115

PAGE 1

ALL
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| 106/105 | | | | | | | | | | | | | | | | | .2 | 15 | 15 | | | | | | | | | | | | | | | | |
| 104/103 | | | | | | | | | | | | | | | | | .1 | 26 | 26 | | | | | | | | | | | | | | | | |
| 102/101 | | | | | | | | | | | | | | | | | .3 | 83 | 83 | | | | | | | | | | | | | | | | |
| 100/ 99 | | | | | | | | | | | | .0 | .0 | .1 | .2 | .3 | .0 | 100 | 100 | | | | | | | | | | | | | | | | |
| 98/ 97 | | | | | | | | | | .0 | .1 | .3 | 1.0 | .8 | .6 | .1 | .0 | 194 | 196 | | | | | | | | | | | | | | | | |
| 96/ 95 | | | | | | | | | .0 | .1 | .6 | 1.4 | 1.4 | .6 | .1 | | | 282 | 282 | | | | | | | | | | | | | | | | |
| 94/ 93 | | | | | | | | .1 | .2 | .8 | 1.9 | 1.4 | .8 | .2 | .0 | | | 355 | 355 | | | | | | | | | | | | | | | | |
| 92/ 91 | | | | | | | | .3 | .9 | 2.3 | 2.2 | .2 | .2 | .1 | | | | 452 | 452 | | | | | | | | | | | | | | | | |
| 90/ 89 | | | | | | .0 | .2 | .7 | 2.0 | 2.2 | 1.2 | .4 | .1 | .1 | .1 | | | 464 | 464 | | | | | | | | | | | | | | | | |
| 88/ 87 | | | | | .0 | .1 | .6 | 1.9 | 2.0 | .8 | .5 | .2 | .0 | .1 | | | | 418 | 418 | | | | | | | | | | | | | | | | |
| 86/ 85 | | | | .1 | .6 | 2.1 | 2.2 | 1.0 | .6 | .2 | .0 | .0 | | | | | | 454 | 454 | | | | | | | | | | | | | | | | |
| 84/ 83 | | | .0 | .6 | 1.9 | 2.4 | 1.1 | .7 | .2 | .0 | .0 | .0 | | | | | | 472 | 472 | | | | | | | | | | | | | | | | |
| 82/ 81 | | | .4 | 1.9 | 2.7 | 1.3 | .8 | .3 | .1 | .1 | .0 | .0 | | | | | | 510 | 510 | 1 | | | | | | | | | | | | | | | |
| 80/ 79 | | .5 | 2.0 | 2.7 | 1.6 | 1.1 | .4 | .1 | .0 | | .0 | .0 | | | | | | 562 | 562 | 22 | | | | | | | | | | | | | | | |
| 78/ 77 | .0 | .1 | 2.5 | 3.3 | 1.8 | .9 | .5 | .2 | .0 | .0 | .0 | .0 | | | | | | 633 | 633 | 108 | 3 | | | | | | | | | | | | | | |
| 76/ 75 | .0 | .9 | 3.7 | 2.1 | 1.1 | .5 | .3 | .1 | .0 | .0 | .0 | .0 | | | | | | 586 | 586 | 642 | 26 | | | | | | | | | | | | | | |
| 74/ 73 | .0 | 2.0 | 2.8 | 1.4 | .6 | .3 | .2 | .0 | .0 | .0 | | | | | | | | 493 | 493 | 1800 | 220 | | | | | | | | | | | | | | |
| 72/ 71 | .4 | 2.3 | 1.4 | .8 | .2 | .1 | .1 | .1 | .0 | | | | | | | | | 359 | 359 | 1921 | 823 | | | | | | | | | | | | | | |
| 70/ 69 | .3 | 1.1 | .5 | .3 | .1 | .0 | .0 | .0 | | | | | | | | | | 155 | 155 | 1191 | 1228 | | | | | | | | | | | | | | |
| 68/ 67 | | .1 | .1 | .2 | .1 | .0 | .0 | .0 | | | | | | | | | | 40 | 40 | 553 | 1156 | | | | | | | | | | | | | | |
| 66/ 65 | | .0 | .3 | .1 | .0 | .0 | | | | | | | | | | | | 31 | 31 | 209 | 936 | | | | | | | | | | | | | | |
| 64/ 63 | | .0 | .0 | .0 | | | | | | | | | | | | | | 5 | 5 | 104 | 711 | | | | | | | | | | | | | | |
| 62/ 61 | | .0 | .0 | | | .0 | | | | | | | | | | | | 5 | 5 | 92 | 546 | | | | | | | | | | | | | | |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | 29 | 449 | | | | | | | | | | | | | | |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | 10 | 269 | | | | | | | | | | | | | | |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | 12 | 148 | | | | | | | | | | | | | | |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | 2 | 73 | | | | | | | | | | | | | | |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 30 | | | | | | | | | | | | | | |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 20 | | | | | | | | | | | | | | |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 13 | | | | | | | | | | | | | | |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 14 | | | | | | | | | | | | | | |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

YEARS

9, 50
MONTH

51. L
HOURS (L, S, T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|-----|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | |
| 102/101 | | | | | | | | | | | | | | | | .0 | | | 1 | 1 | | | | | | | | | | | | |
| 100/ 99 | | | | | | | | | | | | | | .0 | .1 | .1 | | | 14 | 14 | | | | | | | | | | | | |
| 98/ 97 | | | | | | | | | | .0 | | .0 | .1 | .2 | .0 | | | | 30 | 30 | | | | | | | | | | | | |
| 96/ 95 | | | | | | | | | | .1 | .3 | .4 | .2 | .1 | | .0 | | | 73 | 73 | | | | | | | | | | | | |
| 94/ 93 | | | | | | | | .0 | .0 | .1 | .4 | .9 | .6 | .1 | .0 | .0 | | | 156 | 156 | | | | | | | | | | | | |
| 92/ 91 | | | | | | .0 | .0 | .1 | .7 | .9 | .6 | .2 | .0 | | | | | | 168 | 168 | | | | | | | | | | | | |
| 90/ 89 | | | | | | .0 | .1 | .6 | 1.3 | .7 | .5 | .3 | .0 | .0 | | | | | 226 | 226 | | | | | | | | | | | | |
| 88/ 87 | | | | .0 | .0 | .1 | .6 | 1.2 | .8 | .7 | .6 | .2 | .0 | . | | | | | 280 | 280 | | | | | | | | | | | | |
| 86/ 85 | | | | | .1 | .4 | 1.3 | 1.2 | .8 | .6 | .5 | .1 | .1 | . | | | | | 336 | 336 | | | | | | | | | | | | |
| 84/ 83 | | | .0 | .0 | .3 | 1.2 | 1.2 | .8 | .9 | .4 | .2 | .2 | .1 | | | | | | 345 | 345 | | | | | | | | | | | | |
| 82/ 81 | | .0 | .0 | .5 | 1.5 | 1.7 | 1.0 | .6 | .6 | .4 | .2 | .1 | .0 | | | | | | 426 | 426 | 4 | | | | | | | | | | | |
| 80/ 79 | | .0 | .0 | 1.8 | 1.8 | 1.4 | .9 | .7 | .4 | .3 | .1 | .0 | | | | | | | 526 | 526 | 12 | 5 | | | | | | | | | | |
| 78/ 77 | | .1 | 1.8 | 2.3 | 1.9 | .9 | .9 | .5 | .4 | .3 | .0 | .1 | | | | | | | 563 | 563 | 66 | 4 | | | | | | | | | | |
| 76/ 75 | | .9 | 3.1 | 2.3 | 1.1 | .9 | .5 | .4 | .3 | .1 | .1 | .2 | | | | | | | 616 | 616 | 449 | 32 | | | | | | | | | | |
| 74/ 73 | .1 | 1.8 | 2.9 | 1.9 | 1.1 | .7 | .5 | .3 | .1 | .0 | .0 | | | | | | | | 621 | 621 | 970 | 188 | | | | | | | | | | |
| 72/ 71 | .3 | 2.3 | 2.7 | 1.4 | 1.0 | .5 | .4 | .1 | .0 | | | | | | | | | | 561 | 561 | 1101 | 609 | | | | | | | | | | |
| 70/ 69 | .0 | 1.8 | 3.0 | 1.3 | .6 | .7 | .2 | .2 | .2 | .1 | | | | | | | | | 525 | 525 | 969 | 935 | | | | | | | | | | |
| 68/ 67 | .3 | 1.0 | 1.7 | .8 | .6 | .3 | .2 | .0 | .0 | | | | | | | | | | 312 | 312 | 730 | 962 | | | | | | | | | | |
| 66/ 65 | .0 | .9 | 1.3 | .7 | .8 | .3 | .1 | .0 | .0 | | | | | | | | | | 281 | 280 | 644 | 730 | | | | | | | | | | |
| 64/ 63 | | .3 | .7 | .8 | .2 | .1 | .0 | .0 | | | | | | | | | | | 149 | 149 | 452 | 630 | | | | | | | | | | |
| 62/ 61 | | .4 | .4 | .5 | .1 | .0 | .1 | | | | | | | | | | | | 102 | 102 | 336 | 553 | | | | | | | | | | |
| 60/ 59 | | .1 | .5 | .5 | .1 | .0 | .0 | | | | | | | | | | | | 81 | 81 | 288 | 432 | | | | | | | | | | |
| 58/ 57 | | .2 | .3 | .1 | .0 | .1 | | | | | | | | | | | | | 48 | 48 | 184 | 307 | | | | | | | | | | |
| 56/ 55 | | .0 | .2 | | .2 | .0 | | | | | | | | | | | | | 20 | 20 | 137 | 297 | | | | | | | | | | |
| 54/ 53 | | | | .0 | .1 | | | | | | | | | | | | | | 7 | 7 | 67 | 271 | | | | | | | | | | |
| 52/ 51 | | | | .1 | .0 | | | | | | | | | | | | | | 8 | 8 | 33 | 186 | | | | | | | | | | |
| 50/ 49 | | | .0 | .0 | | | | | | | | | | | | | | | 3 | 3 | 12 | 115 | | | | | | | | | | |
| 48/ 47 | | | .0 | | | | | | | | | | | | | | | | 3 | 3 | 15 | 62 | | | | | | | | | | |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 12 | 48 | | | | | | | | | | |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

03933
STATION

FOR: HOOD TEXAS/FORT HOOD AAF

61-69

SEP

MONTH

0 A.C. 4

ALL

HOURS (L, S, T)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

MON: 1

11 57

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|------------------|-------------------------------------|--------|--------|-------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|----|-----|------|------|----------|----------|-------------------|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21 | 22-23 | 24-25 | 26-27 | 28-29 | 30 | +31 | D.B. | W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | |
| 24 / 23 TUT/L | 1.3 | 12.4 | 15.0 | 3.7 | 13.3 | 11.1 | 9.0 | 7.3 | 6.2 | 4.1 | 2.5 | 1.6 | .9 | .5 | .3 | .1 | | | | | 6696 | | 6696 ³ | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | 6696 | | 6(9) | | | | | | | | | | | | | |
| Element (X) | Zx² | Zx | X̄ | sₓ | No. Obs. | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | Total | | | | | | | | | | | | |
| Rel. Hum. | 29238695 | 421337 | 62.920 | 181 | 6696 | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total | | | | | | | | | | | | | | | | | | | | | | |
| Dry Bulb | 31432798 | 453852 | 67.810 | 010 | 6696 | | | 413.1 | 251.1 | 94.9 | | 744 | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | 24018340 | 397010 | 59.3 | 8.462 | 6696 | | | 170.4 | 32.0 | | | 744 | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | 19725330 | 335662 | 53.111 | 162 | 6696 | | 25.4 | 95.9 | 4.9 | | | 744 | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

YEARS

4131
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-----|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|----|-------|-------|-------|----|-----|---------|----------|----------|-----------|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1 | 2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23 | 24-25 | 26-27 | 28-29 | 30 | >31 | DB W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | |
| 88/ 87 | | | | | | | | | | | | | | | | | | | .0 | | 1 | 1 | | | | | | | | | | | | | |
| 86/ 85 | | | | | | | | | .0 | | | .0 | .0 | .0 | .1 | | | .0 | | 16 | 16 | | | | | | | | | | | | | | |
| 84/ 83 | | | | | | | | .0 | .0 | .0 | .0 | .0 | .1 | .1 | .1 | .1 | .0 | | .0 | 28 | 28 | | | | | | | | | | | | | | |
| 82/ 81 | | | | | | | .1 | .0 | .1 | .1 | .1 | .0 | .1 | .1 | .1 | .0 | | | | 48 | 48 | | | | | | | | | | | | | | |
| 80/ 79 | | | | | .0 | .1 | .1 | .1 | .1 | .2 | .1 | .0 | .1 | .0 | | | | | | 62 | 62 | | | | | | | | | | | | | | |
| 78/ 77 | | | | | .0 | .2 | .3 | .4 | .3 | .3 | .1 | .2 | .1 | .0 | | | | | | 126 | 126 | | | | | | | | | | | | | | |
| 76/ 75 | | | | .0 | .2 | .3 | .7 | .5 | .2 | .2 | .3 | .1 | .0 | | | | | | | 178 | 178 | | | | | | | | | | | | | | |
| 74/ 73 | | .0 | .2 | .4 | .5 | .5 | .5 | .3 | .3 | .3 | .1 | .0 | .0 | | | | | | | 213 | 213 | 2 | | | | | | | | | | | | | |
| 72/ 71 | | .0 | .3 | .4 | .6 | .5 | .4 | .4 | .5 | .2 | .1 | .0 | .0 | | | | | | | 234 | 234 | 21 | | | | | | | | | | | | | |
| 70/ 69 | | .2 | 1.1 | 1.3 | .6 | .4 | .4 | .5 | .5 | .2 | .1 | .2 | | | | | | | | 364 | 364 | 71 | 12 | | | | | | | | | | | | |
| 68/ 67 | .1 | .7 | 1.5 | .7 | .4 | .4 | .4 | .5 | .3 | .1 | .1 | | | | | | | | | 361 | 361 | 170 | 66 | | | | | | | | | | | | |
| 66/ 65 | .2 | 1.2 | 1.5 | .8 | .5 | .3 | .5 | .5 | .5 | .4 | .1 | .0 | | | | | | | | 428 | 428 | 334 | 138 | | | | | | | | | | | | |
| 64/ 63 | .3 | .9 | 1.5 | .6 | .6 | .4 | .5 | .3 | .2 | .1 | .0 | | | | | | | | | 383 | 383 | 450 | 303 | | | | | | | | | | | | |
| 62/ 61 | .1 | 3.0 | 1.0 | .7 | .6 | .7 | .4 | .4 | .4 | .2 | | | | | | | | | | 523 | 523 | 437 | 323 | | | | | | | | | | | | |
| 60/ 59 | .4 | 1.9 | .7 | .7 | .8 | .7 | .5 | .4 | .2 | .1 | | | | | | | | | | 444 | 444 | 510 | 470 | | | | | | | | | | | | |
| 58/ 57 | .4 | 1.4 | .9 | .8 | .9 | .7 | .8 | .5 | .1 | | | | | | | | | | | 431 | 431 | 442 | 387 | | | | | | | | | | | | |
| 56/ 55 | .3 | 1.3 | 1.4 | 1.3 | .9 | .6 | .8 | .3 | .1 | | | | | | | | | | | 470 | 478 | 393 | 342 | | | | | | | | | | | | |
| 54/ 53 | .3 | 1.1 | 1.3 | 1.1 | 1.1 | .6 | .5 | .2 | | | | | | | | | | | | 434 | 434 | 435 | 295 | | | | | | | | | | | | |
| 52/ 51 | .1 | .5 | 1.5 | .8 | .7 | .5 | .3 | .1 | .0 | | | | | | | | | | | 320 | 320 | 458 | 291 | | | | | | | | | | | | |
| 50/ 49 | .3 | .9 | 1.1 | 1.1 | .8 | .6 | .2 | .1 | .0 | | | | | | | | | | | 344 | 344 | 458 | 307 | | | | | | | | | | | | |
| 48/ 47 | .3 | .6 | 1.0 | .8 | .5 | .5 | .1 | .0 | | | | | | | | | | | | 263 | 263 | 451 | 302 | | | | | | | | | | | | |
| 46/ 45 | .3 | 1.0 | 1.3 | .9 | .7 | .3 | | | | | | | | | | | | | | 359 | 359 | 436 | 425 | | | | | | | | | | | | |
| 44/ 43 | .2 | 1.2 | .9 | 1.0 | .5 | .2 | .0 | | | | | | | | | | | | | 275 | 275 | 504 | 414 | | | | | | | | | | | | |
| 42/ 41 | .1 | 1.1 | .6 | .9 | .2 | .1 | | | | | | | | | | | | | | 217 | 217 | 342 | 410 | | | | | | | | | | | | |
| 40/ 39 | .0 | .5 | 1.0 | .6 | .3 | .1 | | | | | | | | | | | | | | 167 | 167 | 300 | 362 | | | | | | | | | | | | |
| 38/ 37 | | .3 | .5 | .4 | .1 | .0 | | | | | | | | | | | | | | 94 | 94 | 252 | 358 | | | | | | | | | | | | |
| 36/ 35 | | .2 | .3 | .2 | .1 | | | | | | | | | | | | | | | 59 | 59 | 196 | 296 | | | | | | | | | | | | |
| 34/ 33 | | .1 | .3 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

YEARS

N.I.V.
 MONTH

Page 2

ALL
HOURS (L S T)

[illegible]

PSYCHROMETRIC SUMMARY

60-69

DEC
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|----|----|-------|-------|------|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25 | 26 | 27-28 | 29-30 | ≥ 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | |
| 82/ 81 | | | | | | | | | | .0 | | .0 | | | | | | | 2 | 2 | | | | | | | | | | | | | | | |
| 80/ 79 | | | | | | | | .1 | .0 | | .0 | .0 | | .0 | | | | | 10 | 10 | | | | | | | | | | | | | | | |
| 78/ 77 | | | | | | | .0 | .0 | .0 | .0 | .0 | .0 | .1 | | | | | | 12 | 12 | | | | | | | | | | | | | | | |
| 76/ 75 | | | | | | .1 | .1 | .0 | .0 | .0 | .1 | .0 | .0 | | | | | | 25 | 25 | | | | | | | | | | | | | | | |
| 74/ 73 | | | .0 | .1 | .2 | .2 | .3 | | .0 | .1 | .0 | .0 | .0 | | | | | | 64 | 64 | | | | | | | | | | | | | | | |
| 72/ 71 | | | .1 | .2 | .3 | .2 | .1 | .1 | .1 | .1 | .0 | .0 | | | | | | | 94 | 94 | | | | | | | | | | | | | | | |
| 70/ 69 | | | .2 | .5 | .2 | .2 | .2 | .2 | .1 | .1 | .1 | | | | | | | | 137 | 137 | 2 | 1 | | | | | | | | | | | | | |
| 68/ 67 | | .1 | .4 | .4 | .2 | .2 | .1 | .2 | .2 | .1 | .1 | | | | | | | | 175 | 175 | 24 | 2 | | | | | | | | | | | | | |
| 66/ 65 | .0 | .6 | .8 | .3 | .4 | .3 | .3 | .4 | .3 | .2 | .1 | .0 | | | | | | | 268 | 268 | 110 | 17 | | | | | | | | | | | | | |
| 64/ 63 | .1 | .5 | .7 | .4 | .3 | .2 | .2 | .4 | .3 | .2 | | .0 | | | | | | | 241 | 241 | 176 | 111 | | | | | | | | | | | | | |
| 62/ 61 | .3 | .8 | .7 | .4 | .2 | .3 | .4 | .5 | .2 | .1 | .0 | | | | | | | | 282 | 282 | 205 | 136 | | | | | | | | | | | | | |
| 60/ 59 | .2 | .5 | .6 | .5 | .4 | .2 | .4 | .4 | .1 | .1 | | | | | | | | | 266 | 266 | 187 | 197 | | | | | | | | | | | | | |
| 58/ 57 | .1 | .8 | .6 | .5 | .4 | .3 | .4 | .5 | .2 | .0 | | | | | | | | | 301 | 301 | 236 | 155 | | | | | | | | | | | | | |
| 56/ 55 | .1 | .9 | .9 | .6 | .5 | .3 | .4 | .2 | .2 | | | | | | | | | | 335 | 335 | 231 | 206 | | | | | | | | | | | | | |
| 54/ 53 | .2 | 1.2 | 1.0 | .7 | .8 | .8 | .5 | .3 | .0 | | | | | | | | | | 402 | 402 | 277 | 172 | | | | | | | | | | | | | |
| 52/ 51 | .3 | .9 | .8 | .8 | .9 | .7 | .4 | .2 | | | | | | | | | | | 361 | 361 | 346 | 220 | | | | | | | | | | | | | |
| 50/ 49 | .5 | 1.4 | 1.4 | 1.2 | 1.2 | .7 | .6 | .2 | | | | | | | | | | | 504 | 504 | 367 | 251 | | | | | | | | | | | | | |
| 48/ 47 | .3 | 1.6 | 1.2 | 1.4 | 1.0 | .4 | .2 | .0 | | | | | | | | | | | 451 | 451 | 395 | 255 | | | | | | | | | | | | | |
| 46/ 45 | .3 | 2.0 | 1.2 | 1.5 | .6 | .6 | .2 | | | | | | | | | | | | 447 | 447 | 525 | 295 | | | | | | | | | | | | | |
| 44/ 43 | .7 | 1.9 | 1.6 | 1.7 | .3 | .1 | .0 | | | | | | | | | | | | 511 | 511 | 570 | 331 | | | | | | | | | | | | | |
| 42/ 41 | .8 | 1.5 | 1.1 | 1.4 | .6 | .2 | .0 | | | | | | | | | | | | 411 | 411 | 592 | 330 | | | | | | | | | | | | | |
| 40/ 39 | .6 | 2.2 | 1.9 | 1.1 | .6 | .1 | | | | | | | | | | | | | 493 | 493 | 577 | 434 | | | | | | | | | | | | | |
| 38/ 37 | .4 | 1.4 | 1.6 | .9 | .3 | .0 | | | | | | | | | | | | | 340 | 340 | 535 | 470 | | | | | | | | | | | | | |
| 36/ 35 | .4 | 1.3 | 1.2 | .9 | .1 | | | | | | | | | | | | | | 292 | 292 | 466 | 454 | | | | | | | | | | | | | |
| 34/ 33 | .2 | 1.0 | 1.1 | .7 | .1 | | | | | | | | | | | | | | 219 | 219 | 366 | 473 | | | | | | | | | | | | | |
| 32/ 31 | .0 | .7 | 1.2 | .4 | .0 | | | | | | | | | | | | | | 170 | 170 | 287 | 439 | | | | | | | | | | | | | |
| 30/ 29 | .1 | 1.0 | .8 | .2 | .0 | | | | | | | | | | | | | | 159 | 159 | 232 | 431 | | | | | | | | | | | | | |
| 28/ 27 | .0 | .4 | .6 | .2 | | | | | | | | | | | | | | | 90 | 90 | 191 | 341 | | | | | | | | | | | | | |
| 26/ 25 | .0 | .5 | .3 | .2 | | | </ | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

| | |
|---------|-------------------------------|
| 03933 | FORT HOOD TEXAS/FORT HOOD AAF |
| STATION | STATION NAME |

60-69

YEARS:

01
MONT

PAGE 2

ALL
HOURS (L S T)

[illegible]

PSYCHROMETRIC SUMMARY

1A².

STATION

STATION NAME

YEARS

MONTH

PAGE 1 0000-0200

0000-0200

[illegible]

PSYCHROMETRIC SUMMARY

03933 STATION FORT HOOD TEXAS/FORT HOOD AAF STATION NAME 62-70

Jan
MONTH

PAGE 2 0000-0200
HOURS (L. S. T.)

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03933 FORT HOOD TEXAS/FORT HOOD AAF

62-70

JAN
MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|-----|------------|-----|-----------|------|------------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|-------|-----------|----------|----------|-----------|-------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | |
| 70/ 69 | | | .2 | | | | | | | | | | | | | | | 2 | 2 | | | | | | |
| 68/ 67 | | | .7 | .2 | | | | | | | | | | | | | | 8 | 8 | | | | | | |
| 66/ 65 | | .4 | 1.0 | | | | | | | | | | | | | | | 19 | 18 | 4 | | | | | |
| 64/ 63 | .1 | 1.2 | 1.7 | | | | | | .1 | | | | | | | | | 26 | 26 | 19 | 8 | | | | |
| 62/ 61 | .2 | .5 | .6 | | | | | | | | | | | | | | | 11 | 11 | 24 | 22 | | | | |
| 60/ 59 | .4 | .9 | .2 | | | | | .2 | | | | | | | | | | 11 | 11 | 16 | 27 | | | | |
| 58/ 57 | | 2.2 | .2 | | | .2 | | | .2 | | | | | | | | | 24 | 24 | 10 | 10 | | | | |
| 56/ 55 | .2 | 1.6 | .4 | .1 | .1 | .4 | .1 | | | | | | | | | | | 24 | 24 | 21 | 14 | | | | |
| 54/ 53 | .4 | 1.6 | .7 | | .2 | .1 | .1 | | | | | | | | | | | 26 | 26 | 19 | 15 | | | | |
| 52/ 51 | 1.2 | 1.0 | 1.1 | .2 | .2 | .4 | | .1 | | | | | | | | | | 35 | 35 | 28 | 29 | | | | |
| 50/ 49 | 1.2 | 1.2 | .8 | .1 | .8 | .2 | | | | | | | | | | | | 37 | 37 | 26 | 27 | | | | |
| 48/ 47 | .4 | 2.2 | 1.4 | .2 | .6 | .1 | | | | | | | | | | | | 41 | 41 | 34 | 22 | | | | |
| 46/ 45 | .1 | 2.0 | .7 | 1.2 | .8 | .1 | | | | | | | | | | | | 42 | 42 | 34 | 26 | | | | |
| 44/ 43 | .6 | 3.3 | 1.2 | 1.0 | .4 | | | | | | | | | | | | | 54 | 54 | 42 | 28 | | | | |
| 42/ 41 | .4 | 1.1 | .6 | 1.2 | .4 | .6 | | | | | | | | | | | | 35 | 35 | 45 | 26 | | | | |
| 40/ 39 | .7 | 3.1 | 1.6 | 1.7 | .4 | | | | | | | | | | | | | 62 | 62 | 49 | 28 | | | | |
| 38/ 37 | 1.0 | 2.4 | 1.2 | .6 | .8 | | | | | | | | | | | | | 50 | 50 | 53 | 42 | | | | |
| 36/ 35 | .2 | 2.2 | 2.2 | 3.0 | .1 | | | | | | | | | | | | | 64 | 64 | 54 | 41 | | | | |
| 34/ 33 | .1 | 2.9 | | | .1 | | | | | | | | | | | | | 54 | 54 | 46 | 29 | | | | |
| 32/ 31 | 1.2 | 2.8 | .8 | 1.3 | | | | | | | | | | | | | | 51 | 51 | 63 | 48 | | | | |
| 30/ 29 | .2 | 1.8 | .4 | .7 | | | | | | | | | | | | | | 26 | 26 | 70 | 58 | | | | |
| 28/ 27 | | 1.7 | 1.9 | .5 | | | | | | | | | | | | | | 34 | 34 | 31 | 41 | | | | |
| 26/ 25 | | 1.7 | 1.8 | | | | | | | | | | | | | | | 29 | 29 | 27 | 34 | | | | |
| 24/ 23 | | .6 | .7 | | | | | | | | | | | | | | | 11 | 11 | 34 | 44 | | | | |
| 22/ 21 | .4 | 1.1 | .8 | | | | | | | | | | | | | | | 19 | 19 | 27 | 34 | | | | |
| 20/ 19 | .1 | .7 | 1.1 | | | | | | | | | | | | | | | 16 | 17 | 17 | 22 | | | | |
| 18/ 17 | | .1 | .2 | | | | | | | | | | | | | | | 3 | 3 | 12 | 23 | | | | |
| 16/ 15 | | 1.4 | .4 | | | | | | | | | | | | | | | 15 | 15 | 9 | 32 | | | | |
| 14/ 13 | | .6 | .1 | | | | | | | | | | | | | | | 6 | 6 | 16 | 18 | | | | |
| 12/ 11 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | 3 | 23 | | | | |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | 3 | 29 | | | | |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 9 | | | | |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 6 | | | | |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 9 | | | | |
| Element (X) | ΣX^2 | | ΣX | | \bar{X} | | σ_x | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | |

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FORM 0-26-5 (OU)
JUL 64

USAFETAC

PSYCHROMETRIC SUMMARY

YEARS

121
MONTH

PAGE 2 0300-0500
HOURS (L. S. T.)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OII)

USAFETAC

PSYCHROMETRIC SUMMARY

YEARS

MONTH

PAGE 2 0600-0800
HOURS (L. S. T.)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26.5 (0.11)

FORM 4-1

USAFETAC

PSYCHROMETRIC SUMMARY

03933 FORT HOOD TEXAS/FORT HOOD AAF
STATION STATION NAME

61-70

MONITOR

PAGE 1 0900-1100
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| 76/ 73 | | | | | | .1 | | | | | .1 | | | | | | | 2 | 2 | | | | | | | | | | | | | | | | |
| 74/ 73 | | | | | | | | | .1 | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 72/ 71 | | | | | .3 | | | | | | | | | | | | | 3 | 3 | | | | | | | | | | | | | | | | |
| 70/ 69 | | | | .5 | .1 | .1 | .1 | | | .1 | | | | | | | | 9 | 9 | | | | | | | | | | | | | | | | |
| 68/ 67 | | | .4 | .8 | .1 | | | .1 | | | | | | | | | | 13 | 13 | | | | | | | | | | | | | | | | |
| 66/ 65 | | .2 | 1.8 | .9 | .1 | .1 | .1 | .1 | .1 | | | | | | | | | 32 | 32 | 3 | | | | | | | | | | | | | | | |
| 64/ 63 | | .1 | 1.6 | .4 | .1 | | .1 | .2 | | | | | | | | | | 24 | 24 | 19 | 2 | | | | | | | | | | | | | | |
| 62/ 61 | | .3 | .4 | .2 | .1 | .2 | .3 | .2 | | | | | | | | | | 17 | 17 | 26 | 17 | | | | | | | | | | | | | | |
| 60/ 59 | .1 | .9 | 1.0 | .2 | .1 | .5 | .1 | .1 | .2 | | | | | | | | | 30 | 30 | 24 | 29 | | | | | | | | | | | | | | |
| 58/ 57 | | .5 | .3 | .4 | .5 | .4 | .2 | .2 | .1 | | | | | | | | | 26 | 26 | 24 | 17 | | | | | | | | | | | | | | |
| 56/ 55 | | 1.2 | .2 | .6 | .3 | .5 | .4 | .3 | | | | | | | | | | 34 | 34 | 17 | 25 | | | | | | | | | | | | | | |
| 54/ 53 | .4 | 1.4 | .5 | .4 | | .9 | .6 | .1 | | | | | | | | | | 41 | 41 | 23 | 24 | | | | | | | | | | | | | | |
| 52/ 51 | .9 | 1.4 | 1.4 | .6 | .4 | .5 | .3 | .1 | | | | | | | | | | 53 | 53 | 39 | 24 | | | | | | | | | | | | | | |
| 50/ 49 | .4 | 1.3 | 1.0 | 1.0 | 1.3 | 1.1 | .5 | | | | | | | | | | | 61 | 61 | 42 | 25 | | | | | | | | | | | | | | |
| 48/ 47 | .2 | 2.0 | 1.0 | 1.0 | 1.1 | .8 | .1 | | | | | | | | | | | 57 | 57 | 41 | 24 | | | | | | | | | | | | | | |
| 46/ 45 | .6 | 1.7 | .6 | .8 | 2.2 | .6 | .2 | | | | | | | | | | | 63 | 63 | 53 | 43 | | | | | | | | | | | | | | |
| 44/ 43 | .5 | 1.9 | 1.4 | 1.4 | 1.3 | .9 | | | | | | | | | | | | 69 | 69 | 58 | 35 | | | | | | | | | | | | | | |
| 42/ 41 | .6 | 1.1 | 1.9 | .8 | 1.0 | .3 | | | | | | | | | | | | 44 | 44 | 72 | 42 | | | | | | | | | | | | | | |
| 40/ 39 | .4 | 1.3 | 1.5 | 1.4 | 1.3 | .2 | | | | | | | | | | | | 57 | 57 | 55 | 40 | | | | | | | | | | | | | | |
| 38/ 37 | .3 | 1.9 | 1.5 | 1.1 | .5 | | | | | | | | | | | | | 50 | 50 | 75 | 35 | | | | | | | | | | | | | | |
| 36/ 35 | .2 | 1.7 | 1.5 | .9 | .5 | | | | | | | | | | | | | 42 | 42 | 59 | 38 | | | | | | | | | | | | | | |
| 34/ 33 | | 2.5 | .9 | 1.1 | .2 | | | | | | | | | | | | | 43 | 43 | 61 | 45 | | | | | | | | | | | | | | |
| 32/ 31 | .4 | 1.4 | .4 | .9 | .2 | | | | | | | | | | | | | 31 | 31 | 60 | 59 | | | | | | | | | | | | | | |
| 30/ 29 | .1 | .8 | .6 | .9 | | | | | | | | | | | | | | 22 | 22 | 28 | 58 | | | | | | | | | | | | | | |
| 28/ 27 | .6 | .9 | .5 | .3 | | | | | | | | | | | | | | 22 | 22 | 36 | 60 | | | | | | | | | | | | | | |
| 26/ 25 | .2 | .6 | .5 | .4 | | | | | | | | | | | | | | 19 | 19 | 21 | 45 | | | | | | | | | | | | | | |
| 24/ 23 | | 1.5 | .6 | | | | | | | | | | | | | | | 20 | 20 | 25 | 40 | | | | | | | | | | | | | | |
| 22/ 21 | .2 | .2 | 1.2 | .1 | | | | | | | | | | | | | | 16 | 16 | 21 | 27 | | | | | | | | | | | | | | |
| 20/ 19 | .1 | .1 | .6 | | | | | | | | | | | | | | | 8 | 8 | 12 | 37 | | | | | | | | | | | | | | |
| 18/ 17 | .1 | .5 | .4 | .1 | | | | | | | | | | | | | | 11 | 11 | 15 | 17 | | | | | | | | | | | | | | |
| 16/ 15 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | 8 | 19 | | | | | | | | | | | | | | |
| 14/ 13</ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

5

YEARS

61-70

14

YONT

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0.26.5 (OLI)

FORM 1-68

JSAFETAC

PSYCHROMETRIC SUMMARY

YEARS

14

PAGE 1 1200-1400
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| 86/ 85 | | | | | | | | | | | | | | | .1 | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 84/ 83 | | | | | | | | | | | | | | | .1 | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 82/ 81 | | | | | | | | | | | | | | | .2 | | | 2 | 2 | | | | | | | | | | | | | | | | |
| 80/ 79 | | | | | | | | | | | | .2 | .2 | | | | | 4 | 6 | | | | | | | | | | | | | | | | |
| 78/ 77 | | | | | | | | .1 | .2 | | | .1 | | | | | | 4 | 4 | | | | | | | | | | | | | | | | |
| 76/ 75 | | | | | | | .1 | .1 | .4 | .2 | | .2 | .1 | | | | | 11 | 11 | | | | | | | | | | | | | | | | |
| 74/ 73 | | | | | .1 | .5 | .4 | .2 | .1 | .2 | | .4 | | | | | | 19 | 19 | | | | | | | | | | | | | | | | |
| 72/ 71 | | | | .1 | .6 | .8 | .3 | .3 | .3 | .1 | | | .1 | | | | | 25 | 25 | | | | | | | | | | | | | | | | |
| 70/ 69 | | | | .4 | .9 | .2 | .2 | .2 | .2 | .4 | .2 | | | | | | | 26 | 26 | | | | | | | | | | | | | | | | |
| 68/ 67 | | .1 | .5 | .6 | .7 | .4 | .3 | .2 | .6 | .2 | | | | | | | | 37 | 37 | | | | | | | | | | | | | | | | |
| 66/ 65 | | | 1.0 | .3 | .4 | .1 | .3 | .6 | .5 | .4 | | | | | | | | 35 | 35 | 8 | 1 | | | | | | | | | | | | | | |
| 64/ 63 | | | | .5 | .2 | .6 | .9 | .6 | .5 | .6 | | | | | | | | 38 | 38 | 30 | 2 | | | | | | | | | | | | | | |
| 62/ 61 | | .3 | .2 | .5 | .2 | 1.0 | 1.0 | .4 | .5 | .3 | | | | | | | | 42 | 42 | 32 | 14 | | | | | | | | | | | | | | |
| 60/ 59 | .1 | .5 | .2 | .5 | 1.3 | | .5 | 1.0 | .6 | .1 | | | | | | | | 45 | 45 | 33 | 22 | | | | | | | | | | | | | | |
| 58/ 57 | | .4 | .2 | .3 | .8 | 1.4 | .6 | .8 | .3 | .2 | | | | | | | | 47 | 47 | 26 | 25 | | | | | | | | | | | | | | |
| 56/ 55 | .2 | .8 | .1 | .4 | .6 | .9 | 1.1 | 1.1 | .3 | | | | | | | | | 51 | 51 | 29 | 26 | | | | | | | | | | | | | | |
| 54/ 53 | .3 | .6 | .8 | .6 | .8 | 1.0 | 1.9 | .5 | .1 | | | | | | | | | 67 | 62 | 50 | 25 | | | | | | | | | | | | | | |
| 52/ 51 | .2 | 1.2 | .9 | .5 | .4 | .9 | 1.2 | .5 | .1 | | | | | | | | | 55 | 55 | 57 | 25 | | | | | | | | | | | | | | |
| 50/ 49 | .4 | 1.1 | .4 | .3 | 1.1 | 1.5 | .3 | .6 | | | | | | | | | | 54 | 54 | 53 | 29 | | | | | | | | | | | | | | |
| 48/ 47 | .1 | 1.0 | 1.0 | .4 | 1.1 | 1.3 | 1.0 | .1 | | | | | | | | | | 55 | 55 | 65 | 28 | | | | | | | | | | | | | | |
| 46/ 45 | | 1.5 | .5 | .9 | .2 | 1.0 | .4 | .1 | | | | | | | | | | 43 | 43 | 61 | 49 | | | | | | | | | | | | | | |
| 44/ 43 | .6 | 1.4 | .6 | .2 | .6 | .9 | .3 | | | | | | | | | | | 42 | 42 | 73 | 37 | | | | | | | | | | | | | | |
| 42/ 41 | .2 | .1 | .4 | .4 | .1 | .6 | | | | | | | | | | | | 18 | 3 | 71 | 48 | | | | | | | | | | | | | | |
| 40/ 39 | .1 | 1.0 | .9 | .6 | .5 | 1.2 | | | | | | | | | | | | 40 | 40 | 54 | 43 | | | | | | | | | | | | | | |
| 38/ 37 | .1 | 1.2 | .6 | .5 | .5 | .2 | | | | | | | | | | | | 30 | 30 | 45 | 49 | | | | | | | | | | | | | | |
| 36/ 35 | | 1.8 | 1.1 | .4 | .4 | .1 | | | | | | | | | | | | 36 | 3 | 46 | 37 | | | | | | | | | | | | | | |
| 34/ 33 | .3 | .2 | .5 | .3 | .6 | | | | | | | | | | | | | 19 | 19 | 48 | 41 | | | | | | | | | | | | | | |
| 32/ 31 | | .8 | .3 | .3 | | | | | | | | | | | | | | 13 | 13 | 30 | 55 | | | | | | | | | | | | | | |
| 30/ 29 | | .6 | .5 | .5 | .2 | | | | | | | | | | | | | 18 | 18 | 27 | 46 | | | | | | | | | | | | | | |
| 28/ 27 | | .1 | .4 | .6 | | | | | | | | | | | | | | 11 | 11 | 18 | 47 | | | | | | | | | | | | | | |
| 26/ 25 | | .6 | .9 | .2 | .1 | | | | | | | | | | | | | 17 | 17 | 18 | 49 | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

YEARS

JAN
MONTH

PAGE 2 1200-1400
HOURS (L, S, T, J)

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03933 FORT HOOD TEXAS/FORT HOOD AAF

01-70

YEARS

1A
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------------|-------|-------|-------|-------|-----------|----|-------|----|----|------------|----|-------|----|------|----------|----------|----------|-----------|--|------------------------------------|--|--|--|--|-------------|-------|----|-------|--|-------------|--|--|--|--|-------------|--|--|--|--|-------------|--|--|--|--|-------------|--|--|--|--|-------|--|--|--|--|--|--|--|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21 | 22-23 | 24 | 25 | 26-27 | 28 | 29-30 | 31 | D.B. | W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 86/ 85 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 84/ 83 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 82/ 81 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 80/ 79 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 10 | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 78/ 77 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 6 | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 76/ 75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 23 | 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 74/ 73 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 32 | 32 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 72/ 71 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 28 | 28 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 70/ 69 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 31 | 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 36 | 36 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 55 | 55 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 39 | 39 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 40 | 49 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 52 | 52 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 47 | 47 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 59 | 59 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 50 | 50 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 44 | 44 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 59 | 59 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 44 | 44 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 29 | 29 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 27 | 27 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 25 | 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 32 | 32 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 35 | 35 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 22 | 22 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 24 | 24 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 14 | 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 11 | 11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 17 | 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5 | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 7 | 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 6 | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Element (X) | ΣX^2 | | | | | ΣX | | | | | \bar{X} | | | | | σ_x | | | | | No. Obs. | | | | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | | | | | | | | | | | | | | | | ≤ 0 F | | | | | ≤ 32 F | | | | | ≥ 67 F | | | | | ≥ 73 F | | | | | ≥ 80 F | | | | | ≥ 93 F | | | | | Total | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

REVIEW PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FORM 0-26-5 (OU)
JUL 64

USAFETAC

PSYCHROMETRIC SUMMARY

YEARS

JAN
MONTH

PAGE 2 1500-1700
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

61-70

YEARS

JA
MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

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REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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YEARS

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REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
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AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03933 FORT HOOD TEXAS/FORT HOOD AAF 61-70

Ja

STATION

STATION NAME

YEARS

MONTH

PAGE 1 2100-2100
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-----|-----|------------|-----|------|-----------|-------|-------|------------|-------|-------|----------|-------|-------|------------------------------------|-----|-------------|----------|-------------|-----------|-------------|--|-------------|--|-------------|--|-------|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | >31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| 70/ 69 | | | .4 | .9 | | .1 | | | | .1 | | | | | | | | 14 | 14 | | | | | | | | | | | | | | | | |
| 68/ 67 | | | .1 | .2 | .1 | | | | | | | | | | | | | 4 | 4 | | | | | | | | | | | | | | | | |
| 66/ 65 | | .1 | 1.2 | .2 | | .1 | | | | .1 | | | | | | | | 16 | 16 | | 5 | | | | | | | | | | | | | | |
| 64/ 63 | | .7 | 1.4 | .6 | .1 | | | .1 | .1 | | .1 | | | | | | | 28 | 28 | 13 | 7 | | | | | | | | | | | | | | |
| 62/ 61 | .1 | 1.1 | 1.3 | | .1 | .2 | .1 | | | .2 | | | | | | | | 29 | 29 | 17 | 21 | | | | | | | | | | | | | | |
| 60/ 59 | .1 | .8 | .9 | .4 | .2 | .4 | .3 | .1 | | | | | | | | | | 30 | 30 | 35 | 17 | | | | | | | | | | | | | | |
| 58/ 57 | | .8 | .8 | .7 | .1 | .2 | .3 | .2 | | | | | | | | | | 28 | 28 | 19 | 22 | | | | | | | | | | | | | | |
| 56/ 55 | .4 | 1.9 | .7 | .6 | .4 | .3 | .8 | | | | | | | | | | | 45 | 45 | 29 | 24 | | | | | | | | | | | | | | |
| 54/ 53 | .1 | .8 | .2 | 1.1 | .8 | .8 | .1 | .2 | | | | | | | | | | 37 | 37 | 24 | 24 | | | | | | | | | | | | | | |
| 52/ 51 | .6 | .8 | .6 | 1.1 | 1.4 | .4 | .2 | | | | | | | | | | | 46 | 46 | 30 | 29 | | | | | | | | | | | | | | |
| 50/ 49 | .7 | 2.2 | 1.2 | 1.1 | 1.1 | .6 | .1 | | | | | | | | | | | 63 | 63 | 41 | 24 | | | | | | | | | | | | | | |
| 48/ 47 | .7 | 2.3 | 1.4 | .8 | 1.0 | .3 | .1 | | | | | | | | | | | 60 | 60 | 46 | 29 | | | | | | | | | | | | | | |
| 46/ 45 | .2 | 2.1 | 1.1 | 2.2 | .8 | .7 | .1 | | | | | | | | | | | 65 | 65 | 62 | 27 | | | | | | | | | | | | | | |
| 44/ 43 | .8 | 1.3 | .9 | 1.6 | 1.4 | .8 | .1 | | | | | | | | | | | 62 | 62 | 74 | 41 | | | | | | | | | | | | | | |
| 42/ 41 | .2 | 1.2 | 1.1 | 2.0 | .9 | .7 | | | | | | | | | | | | 55 | 55 | 49 | 39 | | | | | | | | | | | | | | |
| 40/ 39 | .2 | 1.2 | 1.0 | 1.3 | 1.1 | | | | | | | | | | | | | 44 | 44 | 59 | 44 | | | | | | | | | | | | | | |
| 38/ 37 | | 2.6 | 1.0 | 1.1 | .9 | | | | | | | | | | | | | 50 | 50 | 50 | 40 | | | | | | | | | | | | | | |
| 36/ 35 | | 1.2 | 2.3 | 1.4 | .9 | | | | | | | | | | | | | 53 | 53 | 68 | 35 | | | | | | | | | | | | | | |
| 34/ 33 | | .9 | 1.0 | .2 | .2 | | | | | | | | | | | | | 21 | 21 | 45 | 47 | | | | | | | | | | | | | | |
| 32/ 31 | .3 | 2.4 | .1 | 1.7 | | | | | | | | | | | | | | 41 | 41 | 59 | 61 | | | | | | | | | | | | | | |
| 30/ 29 | .3 | 1.9 | .3 | .9 | | | | | | | | | | | | | | 31 | 31 | 50 | 58 | | | | | | | | | | | | | | |
| 28/ 27 | .1 | .7 | .4 | .2 | .1 | | | | | | | | | | | | | 12 | 12 | 28 | 46 | | | | | | | | | | | | | | |
| 26/ 25 | | 1.0 | .2 | .6 | | | | | | | | | | | | | | 16 | 16 | 22 | 38 | | | | | | | | | | | | | | |
| 24/ 23 | | 1.0 | .6 | .4 | | | | | | | | | | | | | | 18 | 18 | 19 | 46 | | | | | | | | | | | | | | |
| 22/ 21 | .2 | .3 | .3 | | | | | | | | | | | | | | | 8 | 8 | 17 | 21 | | | | | | | | | | | | | | |
| 20/ 19 | .1 | .3 | .1 | | | | | | | | | | | | | | | 5 | 5 | 14 | 26 | | | | | | | | | | | | | | |
| 18/ 17 | | .4 | .3 | | | | | | | | | | | | | | | 7 | 7 | 7 | 25 | | | | | | | | | | | | | | |
| 16/ 15 | | .6 | .1 | | | | | | | | | | | | | | | 6 | 6 | 7 | 21 | | | | | | | | | | | | | | |
| 14/ 13 | | .3 | .1 | | | | | | | | | | | | | | | 4 | 4 | 5 | 20 | | | | | | | | | | | | | | |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | 5 | 9 | | | | | | | | | | | | | | |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 21 | | | | | | | | | | | | | | |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 14 | | | | | | | | | | | | | | |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 8 | | | | | | | | | | | | | | |
| Element (X) | Σx^2 | | | Σx | | | \bar{x} | | | σ_x | | | No. Obs. | | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | | | | | | $\leq 0 F$ | | $\leq 32 F$ | | $\geq 67 F$ | | $\geq 73 F$ | | $\geq 80 F$ | | $\geq 93 F$ | | Total | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FORM 0-26-5 (OU)
JUL 64

USAFETAC

PSYCHROMETRIC SUMMARY

JAN
MONTH

PAGE 2 2100-2300
HOURS (L. S. T.)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0.26-5 (Oil)

FORM 1

USAFETAC

PSYCHROMETRIC SUMMARY

62-70

YEARS

£ 1
 MONTH

PAGE 1 0000-0200
HOURS (L E T)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL D.B. W.B. | TOTAL | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|----------|----------|-----------|----|--|--|--|--|--|--|--|--|--|--|--------------------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | |
| 72/ 71 | | | | | | | | | .1 | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 70/ 69 | | .1 | | | | | | | .1 | .1 | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 68/ 67 | .1 | .1 | | | | | | | | | | | | | | | | 2 | 2 | 3 | 3 | | | | | | | | | | | | | | |
| 66/ 65 | .1 | | .4 | .4 | | | | | | | | | | | | | | 3 | 8 | 2 | 2 | | | | | | | | | | | | | | |
| 64/ 63 | | .5 | 1.0 | .3 | | | | | .1 | .1 | | | | | | | | 16 | 16 | 2 | 1 | | | | | | | | | | | | | | |
| 62/ 61 | .1 | .3 | 1.2 | .4 | .1 | | | | .1 | .1 | | | | | | | | 18 | 18 | 8 | 4 | | | | | | | | | | | | | | |
| 60/ 59 | | 1.2 | 1.2 | .4 | | | | | .3 | | | | | | | | | 23 | 23 | 12 | 6 | | | | | | | | | | | | | | |
| 58/ 57 | | .8 | .7 | .5 | .5 | .3 | .1 | .1 | | | | | | | | | | 23 | 23 | 27 | 14 | | | | | | | | | | | | | | |
| 56/ 55 | | .5 | .8 | .5 | .3 | .7 | .1 | .1 | .1 | | | | | | | | | 24 | 24 | 15 | 18 | | | | | | | | | | | | | | |
| 54/ 53 | .4 | 2.1 | 1.3 | .5 | 1.3 | .9 | .3 | | | | | | | | | | | 52 | 52 | 16 | 21 | | | | | | | | | | | | | | |
| 52/ 51 | .5 | 1.3 | 1.4 | 1.2 | 3.3 | .9 | | | | | | | | | | | | 66 | 66 | 30 | 18 | | | | | | | | | | | | | | |
| 50/ 49 | .7 | .8 | 1.7 | 2.0 | 3.1 | .9 | .4 | | | | | | | | | | | 73 | 73 | 36 | 28 | | | | | | | | | | | | | | |
| 48/ 47 | .3 | .4 | 2.2 | 1.4 | 1.2 | .3 | .1 | | | | | | | | | | | 45 | 45 | 32 | 24 | | | | | | | | | | | | | | |
| 46/ 45 | .8 | 3.4 | 1.6 | 1.4 | 1.7 | .4 | .4 | | | | | | | | | | | 74 | 74 | 54 | 23 | | | | | | | | | | | | | | |
| 44/ 43 | .4 | 2.1 | 1.4 | 1.4 | 1.4 | .3 | | | | | | | | | | | | 54 | 54 | 105 | 33 | | | | | | | | | | | | | | |
| 42/ 41 | .1 | .9 | 2.4 | 2.2 | .9 | .1 | | | | | | | | | | | | 51 | 51 | 68 | 36 | | | | | | | | | | | | | | |
| 40/ 39 | .1 | 2.0 | 1.8 | 2.4 | .9 | .3 | | | | | | | | | | | | 57 | 57 | 48 | 43 | | | | | | | | | | | | | | |
| 38/ 37 | | 1.0 | 2.9 | 2.9 | .5 | .1 | | | | | | | | | | | | 57 | 57 | 59 | 50 | | | | | | | | | | | | | | |
| 36/ 35 | .4 | .4 | 2.1 | 1.7 | .1 | | | | | | | | | | | | | 36 | 36 | 60 | 63 | | | | | | | | | | | | | | |
| 34/ 33 | .3 | | 1.8 | .3 | | | | | | | | | | | | | | 18 | 18 | 53 | 39 | | | | | | | | | | | | | | |
| 32/ 31 | .1 | .8 | .9 | .4 | | | | | | | | | | | | | | 17 | 17 | 45 | 51 | | | | | | | | | | | | | | |
| 30/ 29 | | 2.0 | .9 | .3 | | | | | | | | | | | | | | 24 | 24 | 33 | 41 | | | | | | | | | | | | | | |
| 28/ 27 | | .5 | .5 | .1 | | | | | | | | | | | | | | 9 | 9 | 27 | 42 | | | | | | | | | | | | | | |
| 26/ 25 | | .5 | .1 | | | | | | | | | | | | | | | 5 | 5 | 12 | 50 | | | | | | | | | | | | | | |
| 24/ 23 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 8 | 59 | | | | | | | | | | | | | | |
| 22/ 21 | | .7 | | | | | | | | | | | | | | | | 5 | 5 | 4 | 22 | | | | | | | | | | | | | | |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | 3 | 17 | | | | | | | | | | | | | | |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 24 | | | | | | | | | | | | | | |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 4 | | | | | | | | | | | | | | |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 14 | | | | | | | | | | | | | | |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 5 | | | | | | | | | | | | | | |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 4 | | | | | | | | | | | | | | |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

YEARS _____ FFR _____
MONTH _____
PAGE 2 0000-0200
HOURS (L. S. I.)

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PSYCHROMETRIC SUMMARY

YEARS

15 MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

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0-26-5 (OLI)

FOR

USAFETAC

PSYCHROMETRIC SUMMARY

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MONTH

PAGE 2 0300-0500

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0-26.5 (OLI)

FORM

USAFETAC

PSYCHROMETRIC SUMMARY

61-70

YEARS

£ 1 2
MONTH

PAGE 1

0606-0809
NOV 15 1964

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|------|------|------|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| 68/ 67 | | .2 | | | | | | | | | | | | | | | | 21 | 7 | | | | | | | | | | | | | | | | |
| 66/ 65 | .1 | .6 | .2 | .4 | | | | .1 | | | | | | | | | | 14 | 14 | 7 | 6 | | | | | | | | | | | | | | |
| 64/ 63 | | .1 | .2 | .2 | | | .1 | .1 | | | | | | | | | | 7 | 7 | 2 | 2 | | | | | | | | | | | | | | |
| 62/ 61 | | .6 | .8 | .2 | .1 | | | | | | | | | | | | | 15 | 15 | 7 | | | | | | | | | | | | | | | |
| 60/ 59 | .1 | 1.7 | .9 | | | | | | | | | | | | | | | 23 | 23 | 13 | 11 | | | | | | | | | | | | | | |
| 58/ 57 | .1 | .7 | .6 | .1 | .2 | | .3 | | | | | | | | | | | 19 | 19 | 29 | 18 | | | | | | | | | | | | | | |
| 56/ 55 | .6 | .9 | .1 | .5 | .2 | | | | | | | | | | | | | 27 | 20 | 14 | 23 | | | | | | | | | | | | | | |
| 54/ 53 | .6 | 2.5 | .9 | .4 | .1 | | | | | | | | | | | | | 41 | 41 | 22 | 20 | | | | | | | | | | | | | | |
| 52/ 51 | .9 | 2.1 | .8 | .2 | .6 | .4 | .1 | | | | | | | | | | | 44 | 44 | 34 | 26 | | | | | | | | | | | | | | |
| 50/ 49 | 1.1 | .4 | .9 | .8 | .8 | .4 | | | | | | | | | | | | 37 | 37 | 35 | 37 | | | | | | | | | | | | | | |
| 48/ 47 | .6 | .6 | 2.5 | .5 | .7 | .2 | | | | | | | | | | | | 43 | 43 | 26 | 12 | | | | | | | | | | | | | | |
| 46/ 45 | .2 | 3.4 | 2.1 | 1.4 | .2 | .2 | | | | | | | | | | | | 65 | 65 | 38 | 17 | | | | | | | | | | | | | | |
| 44/ 43 | .5 | 2.8 | 3.9 | 1.9 | .1 | .5 | .1 | | | | | | | | | | | 83 | 83 | 63 | 34 | | | | | | | | | | | | | | |
| 42/ 41 | .6 | 3.1 | 3.8 | 1.2 | .1 | .1 | | | | | | | | | | | | 79 | 79 | 65 | 45 | | | | | | | | | | | | | | |
| 40/ 39 | .4 | 3.2 | 2.7 | 1.8 | .8 | .2 | | | | | | | | | | | | 79 | 79 | 89 | 51 | | | | | | | | | | | | | | |
| 38/ 37 | .6 | 1.3 | 2.7 | 2.1 | .1 | .1 | | | | | | | | | | | | 59 | 59 | 70 | 69 | | | | | | | | | | | | | | |
| 36/ 35 | .1 | 1.4 | 3.3 | 1.1 | .2 | | | | | | | | | | | | | 52 | 52 | 56 | 45 | | | | | | | | | | | | | | |
| 34/ 33 | .7 | .9 | 2.6 | 1.3 | .1 | | | | | | | | | | | | | 48 | 48 | 60 | 67 | | | | | | | | | | | | | | |
| 32/ 31 | .5 | 3.2 | 1.5 | .4 | .2 | | | | | | | | | | | | | 49 | 49 | 65 | 52 | | | | | | | | | | | | | | |
| 30/ 29 | .1 | .8 | 1.8 | | | | | | | | | | | | | | | 23 | 23 | 64 | 46 | | | | | | | | | | | | | | |
| 28/ 27 | | 1.3 | .5 | .1 | | | | | | | | | | | | | | 16 | 16 | 33 | 56 | | | | | | | | | | | | | | |
| 26/ 25 | | .8 | .2 | | | | | | | | | | | | | | | 14 | 14 | 21 | 52 | | | | | | | | | | | | | | |
| 24/ 23 | | 1.1 | .4 | | | | | | | | | | | | | | | 12 | 12 | 14 | 39 | | | | | | | | | | | | | | |
| 22/ 21 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | 11 | 30 | | | | | | | | | | | | | | |
| 20/ 19 | | .4 | | | | | | | | | | | | | | | | 3 | 3 | 5 | 23 | | | | | | | | | | | | | | |
| 18/ 17 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 3 | 26 | | | | | | | | | | | | | | |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | 1 | 17 | | | | | | | | | | | | | | |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 8 | | | | | | | | | | | | | | |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 7 | | | | | | | | | | | | | | |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 9 | | | | | | | | | | | | | | |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 3 | | | | | | | | | | | | | | |
| TOTAL | 8.0 | 34.3 | 34.5 | 14.1 | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OLI)

USAFETAC

PSYCHROMETRIC SUMMARY

PAGE 1

YEARS _____ MONTH _____
HOURS (L. S. T.) 0900-1100

[illegible]

PSYCHROMETRIC SUMMARY

41-70

YEARS

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PAGE 2 C700-1100

HOURS 12.5.1.1

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0.26-5 (Oil)

USAFETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03933 FORT HOOD TEXAS/FORT HOOD AAF

01-70

FEA
MONTH

PAGE 1 1200-1400
HOURS (L S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-----|------------|-----|-----------|------|------------|-------|----------|-------|------------------------------------|-------|-------------|----|-------------|----|-------------|----|-------------|----|-------------|-----------|----------|----------|-----------|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | |
| 88/ 87 | | | | | | | | | | | | | | | | .1 | | | | | | | 1 | 1 | | | | | | | | | | | |
| 84/ 83 | | | | | | | | | | | | | .1 | | | | | | | | | | 1 | 1 | | | | | | | | | | | |
| 82/ 81 | | | | | | | | | | | .1 | .4 | .2 | | | | | | | | | | 6 | 6 | | | | | | | | | | | |
| 80/ 79 | | | | | | | | | | | .2 | .2 | | | | | | | | | | | 4 | 4 | | | | | | | | | | | |
| 78/ 77 | | | | | | | | | | .5 | .9 | .2 | | .1 | | | | | | | | | 15 | 15 | | | | | | | | | | | |
| 76/ 75 | | | | | .1 | | .2 | .8 | .5 | .1 | | | | | | | | | | | | | 16 | 16 | | | | | | | | | | | |
| 74/ 73 | | | | .1 | .2 | .2 | .7 | .2 | .5 | .4 | | | .4 | | | | | | | | | | 23 | 23 | | | | | | | | | | | |
| 72/ 71 | | | | .1 | .2 | .2 | .2 | .5 | .1 | .2 | | .6 | | | | | | | | | | | 19 | 19 | | | | | | | | | | | |
| 70/ 69 | | | .1 | .2 | .1 | .6 | .8 | .6 | 1.4 | .9 | .6 | .2 | | | | | | | | | | | 48 | 48 | | | | | | | | | | | |
| 68/ 67 | | | | .1 | .6 | .1 | .7 | .6 | .9 | .7 | .5 | | | | | | | | | | | | 36 | 36 | 4 | | | | | | | | | | |
| 66/ 65 | | | .3 | .2 | .6 | .6 | .7 | .8 | .8 | .8 | | | | | | | | | | | | | 43 | 43 | 3 | | | | | | | | | | |
| 64/ 63 | | | .2 | .4 | .4 | .6 | .6 | .4 | .7 | .4 | .2 | | | | | | | | | | | | 32 | 32 | 14 | | | | | | | | | | |
| 62/ 61 | | .1 | .6 | .7 | 1.1 | .7 | 1.2 | .9 | .8 | .1 | | | | | | | | | | | | | 53 | 53 | 35 | | | | | | | | | | |
| 60/ 59 | | .7 | .3 | .2 | .5 | .5 | .7 | .8 | 1.1 | .2 | | | | | | | | | | | | | 44 | 44 | 35 | | | | | | | | | | |
| 58/ 57 | | .5 | .4 | 1.2 | .4 | 1.2 | 1.5 | 1.1 | .6 | | | | | | | | | | | | | | 57 | 57 | 33 | | | | | | | | | | |
| 56/ 55 | | .4 | 1.3 | .7 | .7 | .9 | 1.7 | .1 | | | | | | | | | | | | | | | 53 | 53 | 40 | | | | | | | | | | |
| 54/ 53 | .1 | | .6 | .6 | .8 | 1.2 | 1.7 | 1.2 | .2 | | | | | | | | | | | | | | 61 | 61 | 58 | | | | | | | | | | |
| 52/ 51 | .2 | .4 | .8 | .7 | .4 | .9 | 1.4 | .8 | .2 | | | | | | | | | | | | | | 50 | 50 | 74 | | | | | | | | | | |
| 50/ 49 | .2 | | .8 | .7 | .9 | 1.3 | .8 | .2 | | | | | | | | | | | | | | | 43 | 43 | 56 | | | | | | | | | | |
| 48/ 47 | .1 | .4 | .9 | .8 | .2 | 1.1 | .6 | .2 | | | | | | | | | | | | | | | 37 | 37 | 68 | | | | | | | | | | |
| 46/ 45 | .1 | .8 | 1.4 | .8 | .7 | 1.2 | | .1 | | | | | | | | | | | | | | | 44 | 44 | 55 | | | | | | | | | | |
| 44/ 43 | .1 | 2.1 | 1.7 | 1.1 | .5 | .9 | .1 | | | | | | | | | | | | | | | | 55 | 55 | 67 | | | | | | | | | | |
| 42/ 41 | | 1.3 | .1 | .5 | .7 | .8 | | | | | | | | | | | | | | | | | 29 | 29 | 83 | | | | | | | | | | |
| 40/ 39 | | .4 | .7 | .1 | 1.2 | .1 | | | | | | | | | | | | | | | | | 21 | 21 | 64 | | | | | | | | | | |
| 38/ 37 | | .2 | .1 | .4 | .1 | | | | | | | | | | | | | | | | | | 7 | 7 | 36 | | | | | | | | | | |
| 36/ 35 | .4 | .7 | .2 | .5 | .2 | | | | | | | | | | | | | | | | | | 17 | 17 | 39 | | | | | | | | | | |
| 34/ 33 | | .7 | .4 | .4 | | | | | | | | | | | | | | | | | | | 12 | 12 | 27 | | | | | | | | | | |
| 32/ 31 | | .3 | .3 | .2 | | | | | | | | | | | | | | | | | | | 9 | 9 | 25 | | | | | | | | | | |
| 30/ 29 | | .2 | .5 | | | | | | | | | | | | | | | | | | | | 6 | 6 | 10 | | | | | | | | | | |
| 28/ 27 | | .1 | .4 | | | | | | | | | | | | | | | | | | | | 4 | 4 | 13 | | | | | | | | | | |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | | | | | 4 | | | | | | | | | | |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Element (X) | Σx^2 | | Σx | | \bar{x} | | σ_x | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | | | | | | | | | |
| Ref. Hum. | | | | | | | | | | | $\leq 0 F$ | | $\leq 32 F$ | | $\leq 67 F$ | | $\leq 73 F$ | | $\leq 80 F$ | | $\leq 93 F$ | | Total | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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FORM 0-26-5 (CII)

USAFETAC JUL 64

PSYCHROMETRIC SUMMARY

768
MONTH

PAGE 2 1500-1700
HOURS (L. S. T.)

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0.26-5 (OLI)

FORM 4-7

USAFETAC

PSYCHROMETRIC SUMMARY

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PAGE 1 180-2000
HOURS (L. S. T.)

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USAFETAC

PSYCHROMETRIC SUMMARY

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01-70

YEARS

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1800-2000
HOURS (L. S. T.)

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03913 FORT HOOD TEXAS/FORT HOOD AAF
STATION STATION NAME

61-70

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PAGE 1 2100-2300
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FORM 0-7A-5 (011)

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PSYCHROMETRIC SUMMARY

YEAR

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PAGE 2 210C-2300
HOURS (L. S. T.)

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FORM 10-67

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PSYCHROMETRIC SUMMARY

03933
STATION

FORT HOOD TEXAS/FORT HOOD AAF

61-70

1462
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PAGE 2

0000-0200
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|-------|--|-------|---|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | +31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 1.1 | 20.6 | 28.7 | 22.1 | 13.1 | 9.0 | 3.2 | 1.7 | .3 | .2 | | | | | | | | | 888 | 888 | | | | | | | | | | | | | | |
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REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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PSYCHROMETRIC SUMMARY

YEAR
MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

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PSYCHROMETRIC SUMMARY

03933 FORT HOOD TEXAS/FORT HOOD AAF

61-70

YEARS

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MONTH

PAGE 1 0600-0800
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|----------|-------|-------|--|------|------|------|----------|----------|-----------|----|---|--|--|--|--|-------|--|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B. | W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | |
| 70/ 69 | | .1 | .4 | .4 | .2 | | | | | | | | | | | | | 11 | 11 | | | | | | | | | | | | | | |
| 68/ 67 | .1 | 1.6 | 1.4 | .1 | .2 | | | | | | | | | | | | | 32 | 32 | 31 | | 2 | | | | | | | | | | | |
| 66/ 65 | .3 | 2.2 | 1.8 | 1.2 | .1 | | .1 | | | | | | | | | | | 53 | 53 | 31 | | 14 | | | | | | | | | | | |
| 64/ 63 | .2 | 1.3 | 1.9 | .9 | | | | | | | | | | | | | | 40 | 40 | 35 | | 27 | | | | | | | | | | | |
| 62/ 61 | .3 | 1.2 | 1.9 | .5 | | | | | .3 | | | | | | | | | 40 | 40 | 34 | | 30 | | | | | | | | | | | |
| 60/ 59 | .5 | .8 | 2.3 | .5 | .4 | .2 | | | | | | | | | | | | 47 | 47 | 52 | | 39 | | | | | | | | | | | |
| 58/ 57 | .3 | 2.2 | 1.5 | .3 | .4 | .2 | .3 | | | | | | | | | | | 49 | 49 | 37 | | 36 | | | | | | | | | | | |
| 56/ 55 | .5 | 2.3 | 2.0 | 1.2 | .5 | .2 | .4 | | | | | | | | | | | 67 | 67 | 57 | | 40 | | | | | | | | | | | |
| 54/ 53 | .4 | 1.7 | 1.3 | .8 | .6 | 1.1 | .3 | | | | | | | | | | | 58 | 58 | 40 | | 65 | | | | | | | | | | | |
| 52/ 51 | .3 | 1.2 | 1.7 | 1.1 | .6 | .4 | | | | | | | | | | | | 52 | 52 | 47 | | 39 | | | | | | | | | | | |
| 50/ 49 | .4 | 1.3 | 2.9 | 1.4 | .5 | .5 | | | | | | | | | | | | 66 | 66 | 41 | | 31 | | | | | | | | | | | |
| 48/ 47 | .1 | 2.2 | 2.8 | 1.0 | .5 | .4 | | | | | | | | | | | | 65 | 65 | 54 | | 26 | | | | | | | | | | | |
| 46/ 45 | .4 | 2.8 | 1.8 | 1.1 | .8 | | .3 | | | | | | | | | | | 67 | 67 | 81 | | 50 | | | | | | | | | | | |
| 44/ 43 | | 1.1 | 1.8 | 1.3 | .9 | | | | | | | | | | | | | 47 | 47 | 72 | | 52 | | | | | | | | | | | |
| 42/ 41 | | 1.2 | .9 | 1.7 | .4 | | | | | | | | | | | | | 39 | 39 | 52 | | 52 | | | | | | | | | | | |
| 40/ 39 | | 1.7 | 2.0 | 1.4 | .4 | .1 | | | | | | | | | | | | 53 | 53 | 47 | | 45 | | | | | | | | | | | |
| 38/ 37 | | 1.2 | 1.0 | 1.0 | .3 | | | | | | | | | | | | | 32 | 32 | 57 | | 43 | | | | | | | | | | | |
| 36/ 35 | | 1.5 | 2.0 | 1.1 | .3 | | | | | | | | | | | | | 46 | 46 | 46 | | 36 | | | | | | | | | | | |
| 34/ 33 | | .6 | 1.2 | .4 | | | | | | | | | | | | | | 21 | 21 | 42 | | 45 | | | | | | | | | | | |
| 32/ 31 | | .5 | 1.2 | .2 | | | | | | | | | | | | | | 18 | 18 | 37 | | 46 | | | | | | | | | | | |
| 30/ 29 | | .8 | .9 | .3 | | | | | | | | | | | | | | 13 | 13 | 29 | | 41 | | | | | | | | | | | |
| 28/ 27 | | | .5 | | | | | | | | | | | | | | | 5 | 5 | 20 | | 33 | | | | | | | | | | | |
| 26/ 25 | | | .1 | .2 | | | | | | | | | | | | | | 3 | 3 | 7 | | 37 | | | | | | | | | | | |
| 24/ 23 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 5 | | 26 | | | | | | | | | | | |
| 22/ 21 | | .5 | | | | | | | | | | | | | | | | 5 | 5 | 3 | | 19 | | | | | | | | | | | |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 6 | | 13 | | | | | | | | | | |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | | | | 6 | | | | | | | | | |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | | | | 6 | | | | | | | | | |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | | | | 7 | | | | | | | | | |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | | | | 8 | | | | | | | | | |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | | | | 5 | | | | | | | | | |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | |
| Element (X) | Σ X ² | | | Σ X | | | Σ | | | °X | | | No. Obs. | | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | | | | | | ≤ 0 F ≤ 32 F ≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F | | | | | | Total | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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PSYCHROMETRIC SUMMARY

61-70

YEARS

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MONTH

PAGE 1 0900-1100
HOURS, L. S. T.

ALL PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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21-70

YEARS

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MONTH

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HOURS (L, S, T)

PSYCHROMETRIC SUMMARY

03933 FORT HOOD TEXAS/FORT HOOD AAF
STATION STATION NAME

61-70

YEARS

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PAGE 1 1200-1400
HOURS 11:55 - 1:11

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PSYCHROMETRIC SUMMARY

YEARS

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PAGE 2 1200-1400
HOURS 11-5-11

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PSYCHROMETRIC SUMMARY

03933 FORT HOOD TEXAS/FORT HOOD AAF 61-70

YEARS

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PAGE 1 1500-1700
HOURS (L. S. T.)

| Temp. (F.) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | |
|---------------|-------------------------------------|-----|-----|-----|-----|------------|-------|-------|-------|-------|-----------|----|----|----|----|-----------|----|----|----|----|----------|------|---------|----------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|--|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | ≥ 31 | DB W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | |
| 94/ 93 | | | | | | | | | | | | | | | | | .1 | | | | .2 | | 31 | 31 | 3 | | | | | | | | | | | |
| 92/ 91 | | | | | | | | | | | | | | | | .3 | .1 | .1 | | | | | 5 | 5 | 5 | | | | | | | | | | | |
| 90/ 89 | | | | | | | | | | | | | | .1 | | | | | | | | | 2 | 2 | 2 | | | | | | | | | | | |
| 88/ 87 | | | | | | | | | | | | .1 | .3 | | | | | .2 | | | | | 6 | 6 | 6 | | | | | | | | | | | |
| 86/ 85 | | | | | | | | | .1 | .6 | .4 | .4 | | | | .5 | | | | | | | 20 | 20 | 20 | | | | | | | | | | | |
| 84/ 83 | | | | | | | | .5 | .5 | .2 | .1 | | | | .3 | .1 | .1 | | | | | | 18 | 18 | 18 | | | | | | | | | | | |
| 82/ 81 | | | | | | | .1 | .2 | .2 | .8 | .2 | .2 | .2 | .1 | .1 | | | | | | | | 18 | 18 | 18 | | | | | | | | | | | |
| 80/ 79 | | | | | .1 | .9 | .1 | .4 | .6 | .5 | .4 | .4 | .5 | .1 | | | | | | | | | 39 | 39 | 39 | | | | | | | | | | | |
| 78/ 77 | | | | | .2 | .3 | .5 | .5 | .1 | 1.2 | 1.0 | .6 | .2 | .1 | | | | | | | | | 45 | 45 | 45 | | | | | | | | | | | |
| 76/ 75 | | | | .1 | .1 | 1.0 | 1.1 | .9 | 1.2 | .9 | 1.3 | .8 | .5 | | | | | | | | | | 72 | 72 | 72 | | | | | | | | | | | |
| 74/ 73 | | .1 | .8 | .5 | 1.1 | 1.3 | 1.0 | .3 | .4 | 1.2 | 1.1 | .2 | | | | | | | | | | | 74 | 74 | 74 | | | | | | | | | | | |
| 72/ 71 | | .3 | .4 | .8 | 1.1 | 1.6 | .9 | .8 | .5 | 1.3 | | | | | | | | | | | | | 71 | 71 | 6 | | | | | | | | | | | |
| 70/ 69 | | .3 | .1 | .3 | .4 | 1.1 | 1.0 | 1.2 | .8 | 1.0 | 1.0 | | | | | | | | | | | | 66 | 66 | 18 | 1 | | | | | | | | | | |
| 68/ 67 | | .1 | .5 | .4 | .4 | .3 | 1.1 | 1.4 | 1.3 | .8 | 1.2 | | | | | | | | | | | | 70 | 70 | 46 | 10 | | | | | | | | | | |
| 66/ 65 | | .4 | .5 | .3 | .5 | .6 | .8 | 1.4 | .6 | .5 | .4 | | | | | | | | | | | | 58 | 58 | 43 | 17 | | | | | | | | | | |
| 64/ 63 | | | .2 | .1 | .3 | 1.6 | .5 | .8 | 1.0 | .5 | .1 | | | | | | | | | | | | 48 | 48 | 60 | 19 | | | | | | | | | | |
| 62/ 61 | .2 | .4 | .4 | .1 | .5 | .4 | .5 | .8 | 1.0 | .1 | | | | | | | | | | | | | 42 | 42 | 63 | 24 | | | | | | | | | | |
| 60/ 59 | | .6 | .2 | .6 | .2 | .3 | .1 | .5 | .6 | .4 | | | | | | | | | | | | | 35 | 35 | 79 | 39 | | | | | | | | | | |
| 58/ 57 | .1 | .3 | .3 | .4 | .2 | .5 | 1.3 | .5 | 1.1 | .2 | | | | | | | | | | | | | 47 | 47 | 76 | 40 | | | | | | | | | | |
| 56/ 55 | | .5 | | | .1 | .1 | .9 | .3 | .8 | .2 | | | | | | | | | | | | | 27 | 27 | 61 | 56 | | | | | | | | | | |
| 54/ 53 | | .3 | .3 | .1 | .3 | .5 | 1.0 | .6 | .2 | | | | | | | | | | | | | | 32 | 32 | 95 | 45 | | | | | | | | | | |
| 52/ 51 | | .8 | .4 | .1 | .4 | 1.0 | .4 | | | | | | | | | | | | | | | | 29 | 29 | 69 | 37 | | | | | | | | | | |
| 50/ 49 | | .5 | .6 | .9 | | 1.0 | .3 | .1 | | | | | | | | | | | | | | | 37 | 32 | 46 | 53 | | | | | | | | | | |
| 48/ 47 | .1 | .8 | .3 | .1 | | | .1 | .1 | | | | | | | | | | | | | | | 14 | 14 | 57 | 50 | | | | | | | | | | |
| 46/ 45 | | .3 | .2 | .4 | .1 | .3 | .2 | | | | | | | | | | | | | | | | 15 | 15 | 48 | 49 | | | | | | | | | | |
| 44/ 43 | | | .3 | | .3 | .4 | | | | | | | | | | | | | | | | | 10 | 10 | 41 | 43 | | | | | | | | | | |
| 42/ 41 | | | .3 | .3 | .6 | .4 | | | | | | | | | | | | | | | | | 16 | 16 | 44 | 35 | | | | | | | | | | |
| 40/ 39 | | .3 | .1 | | .1 | | | | | | | | | | | | | | | | | | 5 | 5 | 28 | 52 | | | | | | | | | | |
| 38/ 37 | | .5 | | | | | | | | | | | | | | | | | | | | | 5 | 5 | 10 | 32 | | | | | | | | | | |
| 36/ 35 | | .1 | | | .3 | | | | | | | | | | | | | | | | | | 4 | 4 | 20 | 42 | | | | | | | | | | |
| 34/ 33 | | .2 | | | | | | | | | | | | | | | | | | | | | 2 | 2 | 16 | 47 | | | | | | | | | | |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 45 | | | | | | | | | | |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | | | | | | 34 | | | | | | | | | | |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | | | | | | | | | | |
| Element (X) | ΣX^2 | | | | | ΣX | | | | | \bar{X} | | | | | \bar{X} | | | | | No. Obs. | | | | | Mean No. of Hours with Temperature | | | | | | Total | | | | |
| Rel. Hum. | | | | | | | | | | | | | | | | | | | | | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FORM 64 JUL 64 0-26-5 (011)

USAFETAC

PSYCHROMETRIC SUMMARY

YEARS

522
MONTH

PAGE 2 1900-1700
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|-------|-------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----|----|------|-----------|----------|----------|-----------|----|--|--|--|--|--|--|--|-------|-------|--|--|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 | 30 | > 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | | | 20 | | | | | | | | | | | |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | | | 22 | | | | | | | | | | | |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | | | 11 | | | | | | | | | | | |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | | | 15 | | | | | | | | | | | |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | | | 30 | | | | | | | | | | | |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | | | 8 | | | | | | | | | | | |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | | | 6 | | | | | | | | | | | |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | | | 3 | | | | | | | | | | | |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | | | 3 | | | | | | | | | | | |
| TOTAL | .4 | 6.7 | 5.5 | 5.6 | 6.8 | 13.0 | 12.9 | 12.2 | 11.2 | 8.9 | 8.7 | 4.0 | 2.4 | 1.2 | .4 | .2 | | | | 930 | 930 | 930 | | | | | | | | | | | | |
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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03433 FORT HOOD TEXAS/FORT HOOD AAF

01-70

YEARS

MONTH

PAGE 1 1900-2000
HOURS (L S T)

| Temp (F) | WET BULB TEMPERA ^a JRE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | | |
|-------------|--|-----|-----|-----|-----|------------|-------|-------|-------|----|-----------|-------|----|----|----|------------|----|----|----|----|----------|----|-----|-----------|----------|------------------------------------|-----|-------|--|--|--|-------------|-------------|-------------|-------------|-------------|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17 | 18 | 19-20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | >31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew | Point | | | | | | | | | | |
| 92/ 91 | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | |
| 90/ 89 | | | | | | | | | | | | | | | .1 | | | | | | | | | 1 | 1 | | | | | | | | | | | | | |
| 88/ 87 | | | | | | | | | | | | | | | | .1 | | | | | | | | 1 | 1 | | | | | | | | | | | | | |
| 86/ 85 | | | | | | | | | | | | | | .2 | | | | | | | | | | | 3 | | | | | | | | | | | | | |
| 84/ 83 | | | | | | | | | | | .2 | .3 | .1 | | | .1 | | | | | | | | 7 | 7 | | | | | | | | | | | | | |
| 82/ 81 | | | | | | | | .3 | .1 | | .2 | .1 | .1 | .2 | | | | | | | | | | 10 | 10 | | | | | | | | | | | | | |
| 80/ 79 | | | | | | | .1 | .1 | .3 | .2 | .1 | .2 | .1 | | | | | | | | | | | 11 | 11 | | | | | | | | | | | | | |
| 78/ 77 | | | | | .4 | .1 | .2 | .5 | .5 | .1 | .3 | .2 | .1 | | | | | | | | | | | 24 | 24 | | | | | | | | | | | | | |
| 76/ 75 | | | | .1 | .4 | .3 | .6 | .2 | .2 | .9 | .1 | .2 | | | | | | | | | | | | 29 | 29 | | | | | | | | | | | | | |
| 74/ 73 | | | .1 | .3 | .2 | 1.0 | .5 | 1.1 | .2 | .9 | .5 | .4 | | | | | | | | | | | | 49 | 49 | | | | | | | | | | | | | |
| 72/ 71 | | | .5 | .9 | .6 | 1.1 | .6 | .5 | .5 | .8 | .3 | .2 | | | | | | | | | | | | 57 | 57 | 1 | | | | | | | | | | | | |
| 70/ 69 | | .8 | .8 | .5 | .8 | .9 | 1.2 | 1.0 | .8 | .3 | | | | | | | | | | | | | | 67 | 67 | 9 | | | | | | | | | | | | |
| 68/ 67 | | .2 | .4 | .5 | 1.1 | 1.3 | .8 | 1.5 | 1.4 | .4 | .3 | | | | | | | | | | | | | 74 | 74 | 30 | 3 | | | | | | | | | | | |
| 66/ 65 | | .6 | 1.2 | 1.0 | 1.1 | 1.0 | 1.3 | .6 | .9 | .5 | .3 | | | | | | | | | | | | | 79 | 79 | 34 | 28 | | | | | | | | | | | |
| 64/ 63 | .1 | .2 | .5 | 1.2 | 1.2 | .9 | 1.1 | 1.2 | .3 | .4 | .1 | | | | | | | | | | | | | 67 | 67 | 56 | 23 | | | | | | | | | | | |
| 62/ 61 | .1 | 1.3 | .3 | .8 | .8 | 1.3 | 1.3 | .9 | .5 | .1 | | | | | | | | | | | | | | 68 | 68 | 49 | 16 | | | | | | | | | | | |
| 60/ 59 | | .6 | .1 | .6 | .5 | 1.2 | .5 | .5 | .4 | .1 | | | | | | | | | | | | | | 44 | 44 | 73 | 41 | | | | | | | | | | | |
| 58/ 57 | .3 | .5 | .1 | .8 | .6 | 1.1 | 1.1 | .8 | .5 | | | | | | | | | | | | | | | 54 | 54 | 71 | 41 | | | | | | | | | | | |
| 56/ 55 | | .2 | .2 | 1.0 | .1 | .8 | .5 | .4 | .1 | | | | | | | | | | | | | | | 31 | 31 | 62 | 50 | | | | | | | | | | | |
| 54/ 53 | | .8 | .3 | .5 | .5 | 1.6 | .6 | .9 | .1 | | | | | | | | | | | | | | | 50 | 50 | 82 | 39 | | | | | | | | | | | |
| 52/ 51 | | .6 | .3 | .3 | .3 | 1.1 | 1.0 | .2 | | | | | | | | | | | | | | | | 39 | 39 | 74 | 53 | | | | | | | | | | | |
| 50/ 49 | | .5 | 1.6 | .1 | .8 | .5 | 1.0 | .1 | | | | | | | | | | | | | | | | 43 | 43 | 66 | 39 | | | | | | | | | | | |
| 48/ 47 | | .5 | .5 | .9 | .6 | .8 | .2 | .1 | | | | | | | | | | | | | | | | 34 | 34 | 64 | 39 | | | | | | | | | | | |
| 46/ 45 | | .4 | .3 | .3 | .6 | .3 | .1 | | | | | | | | | | | | | | | | | 20 | 20 | 45 | 67 | | | | | | | | | | | |
| 44/ 43 | | .2 | .5 | .4 | .4 | | .2 | | | | | | | | | | | | | | | | | 17 | 17 | 52 | 42 | | | | | | | | | | | |
| 42/ 41 | | .1 | .2 | .3 | .5 | .2 | | | | | | | | | | | | | | | | | | 13 | 13 | 44 | 55 | | | | | | | | | | | |
| 40/ 39 | | .4 | .4 | .2 | .6 | .1 | | | | | | | | | | | | | | | | | | 17 | 17 | 34 | 51 | | | | | | | | | | | |
| 38/ 37 | | | .1 | | .4 | | | | | | | | | | | | | | | | | | | 5 | 5 | 28 | 40 | | | | | | | | | | | |
| 36/ 35 | | .6 | | .3 | .1 | | | | | | | | | | | | | | | | | | | 10 | 10 | 21 | 50 | | | | | | | | | | | |
| 34/ 33 | .1 | .2 | | | | | | | | | | | | | | | | | | | | | | 3 | 3 | 16 | 33 | | | | | | | | | | | |
| 32/ 31 | | | | .2 | | | | | | | | | | | | | | | | | | | | 7 | 2 | 11 | 50 | | | | | | | | | | | |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | | | | | | 5 | 25 | | | | | | | | | | | |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 31 | | | | | | | | | | | |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 22 | | | | | | | | | | | |
| Element (X) | ΣX^2 | | | | | ΣX | | | | | \bar{X} | | | | | σ_x | | | | | No. Obs. | | | | | Mean No. of Hours with Temperature | | | | | | Total | | | | | | |
| Rel. Hum. | | | | | | | | | | | | | | | | | | | | | | | | | | ≤ 0 F | | | | | | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

REVISIO PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FORM 0-26-5 (01)

USAFETAC

5

YEARS

61-79

405
MONTH

PAGE 2 1800-2000
HOURS (L. S. T.)

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OLI)



USAFETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03933 FORT HOOD TEXAS/FORT HOOD AAF

01-70

MAF
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|----|----|----|----|----|----------------|----|----|----|----|----------|----|------|------|------|------------------------------------|----------|-----------|--------|--------|--------|-------|--|-------|--|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | ≥ 31 | D.B. | W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | |
| 80/ 79 | | | | | | | | .1 | .1 | | | | | | | | | | | | | | | | 2 | 2 | | | | | | | | | | | |
| 78/ 77 | | | | | | | | .1 | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | |
| 76/ 75 | | | | .1 | | .2 | .3 | .1 | | | 1 | | | | | | | | | | | | | | 8 | 8 | | | | | | | | | | | |
| 74/ 73 | | | | .1 | .1 | .4 | .2 | .1 | | | | | | | | | | | | | | | | | 9 | 9 | | | | | | | | | | | |
| 72/ 71 | | | .4 | .3 | .8 | .3 | .1 | .2 | .1 | .2 | | | | | | | | | | | | | | | 23 | 23 | | | | | | | | | | | |
| 70/ 69 | | .4 | .9 | 1.0 | .9 | .2 | .1 | .2 | .1 | .1 | | | | | | | | | | | | | | | 37 | 37 | 1 | | | | | | | | | | |
| 68/ 67 | | .4 | 1.0 | 1.0 | .5 | .7 | .1 | .2 | .2 | .1 | | | | | | | | | | | | | | | 39 | 39 | 16 | 3 | | | | | | | | | |
| 66/ 65 | .1 | 1.4 | 1.0 | .9 | 1.6 | .4 | .8 | .9 | .2 | | | | | | | | | | | | | | | | 67 | 67 | 29 | 18 | | | | | | | | | |
| 64/ 63 | | 1.4 | 2.8 | 1.4 | 1.2 | .8 | .9 | .8 | .2 | | | | | | | | | | | | | | | | 87 | 87 | 40 | 19 | | | | | | | | | |
| 62/ 61 | .2 | 1.0 | 1.1 | 2.0 | 1.2 | 1.5 | 1.1 | .5 | .2 | .1 | | | | | | | | | | | | | | | 82 | 82 | 47 | 35 | | | | | | | | | |
| 60/ 59 | .3 | .5 | 1.1 | 1.0 | 1.4 | 1.0 | .8 | .8 | .3 | | | | | | | | | | | | | | | | 66 | 66 | 58 | 39 | | | | | | | | | |
| 58/ 57 | .1 | .7 | .8 | 1.1 | 1.9 | 1.5 | .7 | .4 | .1 | | | | | | | | | | | | | | | | 66 | 66 | 56 | 50 | | | | | | | | | |
| 56/ 55 | | .4 | .7 | 1.9 | 1.3 | .9 | .4 | .4 | .2 | | | | | | | | | | | | | | | | 57 | 57 | 57 | 34 | | | | | | | | | |
| 54/ 53 | .1 | .9 | .8 | 1.2 | .8 | 1.2 | .5 | .2 | | | | | | | | | | | | | | | | | 53 | 53 | 46 | 45 | | | | | | | | | |
| 52/ 51 | | .7 | 1.4 | .8 | .9 | 1.1 | .2 | | | | | | | | | | | | | | | | | | 46 | 46 | 75 | 46 | | | | | | | | | |
| 50/ 49 | | 1.5 | 1.4 | 1.2 | 1.0 | .9 | .3 | | | | | | | | | | | | | | | | | | 58 | 58 | 78 | 29 | | | | | | | | | |
| 48/ 47 | | .7 | .7 | .9 | 1.4 | 1.0 | .2 | | | | | | | | | | | | | | | | | | 44 | 44 | 60 | 38 | | | | | | | | | |
| 46/ 45 | | 1.1 | .7 | 1.0 | .7 | 1.0 | .1 | | | | | | | | | | | | | | | | | | 41 | 41 | 43 | 67 | | | | | | | | | |
| 44/ 43 | | .9 | 1.1 | .5 | .8 | .3 | .1 | | | | | | | | | | | | | | | | | | 31 | 31 | 66 | 59 | | | | | | | | | |
| 42/ 41 | | .4 | .9 | .4 | .8 | .3 | | | | | | | | | | | | | | | | | | | 26 | 26 | 44 | 56 | | | | | | | | | |
| 40/ 39 | | .3 | .7 | .9 | .3 | .1 | | | | | | | | | | | | | | | | | | | 21 | 21 | 48 | 40 | | | | | | | | | |
| 38/ 37 | | .4 | 1.3 | .5 | .5 | | | | | | | | | | | | | | | | | | | | 26 | 26 | 35 | 38 | | | | | | | | | |
| 36/ 35 | | .2 | .4 | .4 | | | | | | | | | | | | | | | | | | | | | 10 | 10 | 33 | 42 | | | | | | | | | |
| 34/ 33 | .2 | .4 | | .2 | .1 | | | | | | | | | | | | | | | | | | | | 2 | 2 | 32 | 41 | | | | | | | | | |
| 32/ 31 | | | .2 | .3 | | | | | | | | | | | | | | | | | | | | | 5 | 5 | 13 | 43 | | | | | | | | | |
| 30/ 29 | | | .1 | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 9 | 33 | | | | | | | | | |
| 28/ 27 | | | .2 | | | | | | | | | | | | | | | | | | | | | | 2 | 2 | 6 | 39 | | | | | | | | | |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 23 | | | | | | | | |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 21 | | | | | | | | |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 16 | | | | | | | | |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 6 | | | | | | | | |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 9 | | | | | | | | |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 14 | | | | | | | | |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | | | | | | | | |
| Element (X) | Σ x' | | | | | Σ x | | | | | Σ | | | | | σ _x | | | | | No. Obs. | | | | | Mean No. of Hours with Temperature | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | | | | | | | | | | | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FORM 0-26-5 (OII)
JUL 64

USAFETAC

5

YEARS

61-70

4439
MONTM

PAGE 2 2100-2300
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

03932 FURT HOOD TEXAS/FORT HOOD AAF
STATION STATION NAME

61-70

YEARS

2.50
MONTH

PAGE 1 0000-0200
HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|-------------|-------------------------------------|------|------|-------|------|------|-------|-------|-------|----------------|-------|-------|----------|-------|-------|------------------------------------|-----|--------|-----|----------|----------|--------|-------|--------|--|--------|--|-------|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | +31 | DB | WB | Dry Bulb | Wet Bulb | Dev | Point | | | | | | | | | | | | |
| 80/ 79 | | | | | | | .1 | .1 | | | | | | | | | | 2 | 2 | | | | | | | | | | | | | | | | |
| 78/ 77 | | | | .1 | .1 | | | | | | | | | | | | | 2 | 2 | | | | | | | | | | | | | | | | |
| 76/ 75 | | .3 | .8 | .1 | | | .1 | | | | | | | | | | | 12 | 12 | | | | | | | | | | | | | | | | |
| 74/ 73 | | .8 | 2.0 | 1.0 | .1 | | | | | | | | | | | | | 35 | 35 | | 9 | | | | | | | | | | | | | | |
| 72/ 71 | | 2.6 | 4.3 | .9 | .2 | .1 | | | | | | | | | | | | 73 | 73 | 14 | 10 | | | | | | | | | | | | | | |
| 70/ 69 | .1 | 3.3 | 5.9 | 1.4 | .3 | .6 | .1 | .1 | .1 | | | | | | | | | 108 | 108 | 58 | 30 | | | | | | | | | | | | | | |
| 68/ 67 | .2 | 3.0 | 5.8 | 1.7 | 1.1 | .2 | .6 | .4 | | | | | | | | | | 117 | 117 | 93 | 67 | | | | | | | | | | | | | | |
| 66/ 65 | | 1.2 | 4.4 | 1.6 | 1.4 | .1 | .6 | .6 | | | | | | | | | | 89 | 89 | 78 | 82 | | | | | | | | | | | | | | |
| 64/ 63 | | 1.6 | 3.4 | 1.6 | 1.6 | 1.1 | .2 | .4 | | | | | | | | | | 89 | 89 | 87 | 79 | | | | | | | | | | | | | | |
| 62/ 61 | | 3.1 | 2.0 | 1.7 | 1.7 | .8 | .7 | .1 | | | | | | | | | | 90 | 90 | 62 | 69 | | | | | | | | | | | | | | |
| 60/ 59 | .7 | 1.1 | 1.2 | 1.1 | 1.1 | 1.3 | .4 | .1 | | | | | | | | | | 64 | 64 | 81 | 71 | | | | | | | | | | | | | | |
| 58/ 57 | .1 | .7 | 1.6 | 1.3 | .9 | .3 | .3 | | | | | | | | | | | 47 | 47 | 60 | 60 | | | | | | | | | | | | | | |
| 56/ 55 | | 1.0 | .7 | .7 | 1.1 | .4 | | | | | | | | | | | | 35 | 35 | 68 | 41 | | | | | | | | | | | | | | |
| 54/ 53 | .1 | .9 | 1.0 | .8 | 1.7 | .3 | | | | | | | | | | | | 43 | 43 | 64 | 46 | | | | | | | | | | | | | | |
| 52/ 51 | .1 | .3 | .2 | .3 | 1.8 | .2 | | | | | | | | | | | | 27 | 27 | 43 | 53 | | | | | | | | | | | | | | |
| 50/ 49 | .2 | .9 | .1 | .6 | .8 | .3 | | | | | | | | | | | | 26 | 26 | 49 | 41 | | | | | | | | | | | | | | |
| 48/ 47 | .3 | .2 | .3 | .3 | 1.2 | | | | | | | | | | | | | 22 | 22 | 38 | 43 | | | | | | | | | | | | | | |
| 46/ 45 | | | .2 | .3 | .2 | | | | | | | | | | | | | 7 | 7 | 22 | 38 | | | | | | | | | | | | | | |
| 44/ 43 | | | .2 | .1 | .4 | | | | | | | | | | | | | 7 | 7 | 27 | 25 | | | | | | | | | | | | | | |
| 42/ 41 | | .2 | .1 | .1 | | | | | | | | | | | | | | 4 | 4 | 18 | 22 | | | | | | | | | | | | | | |
| 40/ 39 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 13 | 27 | | | | | | | | | | | | | | |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | 6 | 22 | | | | | | | | | | | | | | |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | 3 | 30 | | | | | | | | | | | | | | |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | | 18 | | | | | | | | | | | | | |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | | | 11 | | | | | | | | | | | | |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | | | 7 | | | | | | | | | | | | |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | | | 3 | | | | | | | | | | | | |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | | | 4 | | | | | | | | | | | | |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | |
| TOTAL | 1.9 | 21.2 | 34.6 | 15.7 | 15.7 | 5.9 | 3.1 | 1.9 | .1 | | | | | | | | | | 900 | | | 900 | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | 900 | | | 900 | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Element (X) | Σx ² | | | Σx | | | X̄ | | | s _x | | | No. Obs. | | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | | | | |
| Rel. Hum. | 5334035 | | | 67935 | | | 75.9 | | | 15.140 | | | 900 | | | ≤ 0 F | | ≤ 32 F | | ≤ 67 F | | ≤ 73 F | | ≤ 80 F | | ≤ 93 F | | Total | | | | | | | |
| Dry Bulb | 3625046 | | | 56740 | | | 63.0 | | | 7.300 | | | 900 | | | | | | | 34.9 | | 5.1 | | | | | | 90 | | | | | | | |
| Wet Bulb | 3125332 | | | 52505 | | | 58.3 | | | 8.321 | | | 900 | | | | | | | 17.4 | | .9 | | | | | | 90 | | | | | | | |
| Dew Point | 2796020 | | | 49222 | | | 54.7 | | | 10.750 | | | 900 | | | | | 2.6 | | 10.7 | | | | | | | | 90 | | | | | | | |

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YEARS

1.25
MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

USAFETAC FORM 0-26-5 (OLI)
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REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

03933 FORT HOOD TEXAS/FORT HOOD AAF 01-70
STATION STATION NAME

PAGE 1 0600-0800
HOURS (L.S.T.)

PSYCHROMETRIC SUMMARY

61-70

APR
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

03933 FORT HOOD TEXAS/FORT HOOD AAF 01-70
STATION STATION NAME

2, 3, 4

Page 2 0900-1100
MOLES 11-5-71

PSYCHROMETRIC SUMMARY

YEARS

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MONTH

PAGE 1 1900-2000
HOURS (L. S. T.)

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0.26-5 (OLI)

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0-26-5 (OLI)

USAFETAC

PSYCHROMETRIC SUMMARY

03933
STATIC

FORT HOOD TEXAS/FORT HOOD AAF
STATION NAME

61-70

YEARS

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PAGE 1 0000-0200
HOURS (L. S. T.)

5

YEARS

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PAGE 1 0300-0500
HOURS (L. S. T.)

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0.26-5 (0.11)

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PSYCHROMETRIC SUMMARY

03933 FORT HOOD TEXAS/FORT HOOD AAF
STATION STATION NAME

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PAGE 1 0603-0800
HOURS 1 - 5 P.M.

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03933 FORT HOOD TEXAS/FORT HOOD AAF 61-70
STATION STATION NAME

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S. 6710N

FORT HOOD TEXAS/FORT HOOD AAF
STATION NAME

61-70

YEARS

DAY
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

4 AY
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03933
STATIC

FORT HOOD TEXAS/FORT HOOD AAF
STATION NAME

61-70

YEARS

MAY
MONTH

PAGE 2

1200-1400
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

YEARS

44 Y
MONTH

PAGE 2 1500-1700
HOURS (P. S. T.)

PSYCHROMETRIC SUMMARY

61-70

YEARS

MAY
MONTH

PAGE 1 1603-2000
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

YEARS

166.
MONTH

PAGE 1 0000-0200
HOURS (L S T.)

PSYCHROMETRIC SUMMARY

 YEARS JUL MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FORM
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0-25-5 (OLI)

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PSYCHROMETRIC SUMMARY

YEARS

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MONTH

Page 1 0500-0800
HOURS II - S. T. I.

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FORM 0.26-5 (011)

USAFETAC

PSYCHROMETRIC SUMMARY

61-75

YEARS

111'
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

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PSYCHROMETRIC SUMMARY

61-70

YEARS

1094
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

03033 FORT HOOD TEXAS/FORT HOOD AAF 61-70

STATION

STATION NAME

YEARS

MONTH

PAGE 1 1500-1700

HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|-------------|-------------------------------------|-----|-----|-----|-----|-------|-------|-------|-------|-------|------|-----|-----|-----|-----|----------------|-----|----|----|----|----------|----|----|------|------|------------------------------------|----------|-----------|--|--|-------|--|-----|-------|-----|-------|-----|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. | W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | |
| 102/101 | | | | | | | | | | | | | | | | .1 | | | | | | | | | | | | | | | | | 1 | 1 | | | |
| 100/ 99 | | | | | | | | | | | | | | | | .1 | | | | | | | | | | | | | | | | | 11 | 11 | | | |
| 98/ 97 | | | | | | | | | | | | | .3 | .4 | 1.0 | | | | | | | | | | | | | | | | | | 24 | 24 | | | |
| 96/ 95 | | | | | | | | | | | | .1 | .9 | 1.9 | 1.1 | | | | | | | | | | | | | | | | | | 36 | 36 | | | |
| 94/ 93 | | | | | | | | | | | | | .0 | 1.4 | 4.6 | 4.1 | .3 | | | | | | | | | | | | | | | | 97 | 99 | | | |
| 92/ 91 | | | | | | | | | | | | | .3 | 2.9 | 6.3 | 5.7 | 2.0 | .6 | | | | | | | | | | | | | | | 160 | 160 | | | |
| 90/ 89 | | | | | | | | | | | | .2 | 3.0 | 6.2 | 6.3 | .9 | 1.0 | .6 | | | | | | | | | | | | | | | 164 | 164 | | | |
| 88/ 87 | | | | | | | | | | | | 1.4 | 2.7 | 5.3 | 2.4 | .4 | | | | | | | | | | | | | | | | | 111 | 111 | | | |
| 86/ 85 | | | | | | | | | | | | 1.1 | .9 | 2.7 | 2.0 | 1.6 | .7 | | | | | | | | | | | | | | | | 82 | 82 | | | |
| 84/ 83 | | | | | | | | | | | .2 | 1.0 | 2.1 | 1.6 | 1.3 | .1 | .3 | | | | | | | | | | | | | | | | 60 | 60 | | | |
| 82/ 81 | | | | | | | | | | | .4 | .0 | 1.4 | .6 | .8 | .2 | .8 | .3 | | | | | | | | | | | | | | | 45 | 46 | | | |
| 80/ 79 | | | | | | | | | | | .3 | .5 | .2 | .2 | .2 | .2 | .2 | .1 | | | | | | | | | | | | | | | 19 | 19 | | | |
| 78/ 77 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 22 | 22 | 21 | |
| 76/ 75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 17 | 17 | 153 | 1 |
| 74/ 73 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 34 | 14 | 270 | 9 |
| 72/ 71 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 10 | 10 | 244 | 46 |
| 70/ 69 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 11 | 11 | 103 | 123 |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 7 | 7 | 50 | 154 |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 | 25 | 179 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 11 | 137 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 12 | 124 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 | 6 | 45 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 3 | 73 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 18 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 7 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 8 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | .4 | 2.7 | 2.0 | 2.1 | 3.1 | 3.8 | 5.4 | 11.3 | 19.6 | 19.8 | 14.4 | 9.6 | 3.8 | 1.0 | .2 | .7 | .1 | | | | | | | | | | | | | | | | 900 | 900 | 900 | | |
| Element (X) | Σx ² | | | | | Σx | | | | | X̄ | | | | | s ² | | | | | No. Obs. | | | | | Mean No. of Hours with Temperature | | | | | | | | | | | |
| Rel. Hum. | 2257121 | | | | | 43271 | | | | | 48.1 | | | | | 14.02 | | | | | 900 | | | | | ≥ 67 F | | | | | Total | | | | | | |
| Dry Bulb | 6955892 | | | | | 78908 | | | | | 87.7 | | | | | 6.466 | | | | | 900 | | | | | ≥ 73 F | | | | | 89.4 | | | | | | |
| Wet Bulb | 4664409 | | | | | 64722 | | | | | 71.9 | | | | | 3.317 | | | | | 900 | | | | | ≥ 80 F | | | | | 84.1 | | | | | | |
| Dew Point | 3766763 | | | | | 38062 | | | | | 64.5 | | | | | 4.832 | | | | | 900 | | | | | ≥ 93 F | | | | | 33.3 | | | | | | |

REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FORM 0-26-5 (OU)

JUL 64

USAFETAC

PSYCHROMETRIC SUMMARY

61-70

YEARS

1.12

PAGE 1 100-2000

HOURS (L, S, T)

PSYCHROMETRIC SUMMARY

03933
STATION

FORT HOOD TEXAS/FORT HOOD AAF
STATION NAME

51-69

YEARS

Jul
MONTH

PAGE 1 0000-0200
HOURS (L - S - T -)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

311
MONTH

PAGE 1 0700-1100
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

JUL
MONTH

HOURS (L, S, T)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL D.B.-W.B. | TOTAL | |
|--------------|-------------------------------------|-----|-----|-------|-----|------|-------|-------|-------|----------------|-------|-------|----------|-------|-------|------------------------------------|------|----------|----------|-----------|--|--------|--|--------|--|--------|--|-------|--|--|--|--------------------|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| 104/103 | | | | | | | | | | | | | | | | | .1 | 1 | 1 | | | | | | | | | | | | | | | |
| 102/101 | | | | | | | | | | | | | | | | | .1 | 3 | 3 | | | | | | | | | | | | | | | |
| 100/99 | | | | | | | | | | | | | | .1 | 1.7 | .8 | .1 | 23 | 23 | | | | | | | | | | | | | | | |
| 98/97 | | | | | | | | | | | .1 | 1.3 | 2.2 | 1.9 | .5 | | | 50 | 50 | | | | | | | | | | | | | | | |
| 96/95 | | | | | | | | | | 2.0 | 4.8 | 2.4 | 1.3 | .2 | | | | 90 | 90 | | | | | | | | | | | | | | | |
| 94/93 | | | | | | | | | .1 | 2.7 | 6.9 | 4.1 | 1.9 | | | | | 132 | 132 | | | | | | | | | | | | | | | |
| 92/91 | | | | | | | .2 | 2.3 | 7.3 | 6.1 | 2.2 | .5 | | | | | | 155 | 155 | | | | | | | | | | | | | | | |
| 90/89 | | | | | | | 2.0 | 6.5 | 6.2 | 1.7 | .4 | | | | | | | 140 | 140 | | | | | | | | | | | | | | | |
| 88/87 | | | | | | | 1.7 | 6.3 | 4.1 | .2 | .5 | | .1 | .1 | | | | 109 | 109 | | | | | | | | | | | | | | | |
| 86/85 | | | | | | .2 | 4.1 | 1.8 | .5 | .5 | .1 | .2 | | | | | | 62 | 62 | | | | | | | | | | | | | | | |
| 84/83 | | | | .2 | 1.2 | .6 | .2 | .1 | .5 | .4 | .2 | | | | | | | 29 | 29 | | | | | | | | | | | | | | | |
| 82/81 | | | | 1.0 | .6 | | .4 | .2 | | | | | | | | | | 18 | 18 | | | | | | | | | | | | | | | |
| 80/79 | | | .1 | .4 | .4 | | | | | | | | | | | | | 7 | 7 | | | | | | | | | | | | | | | |
| 78/77 | | | .2 | .5 | | | | | | | | | | | | | | 6 | 6 | 7 | | | | | | | | | | | | | | |
| 76/75 | | | .2 | .1 | | | | | | | | | | | | | | 3 | 3 | 175 | | | | | | | | | | | | | | |
| 74/73 | | .1 | .2 | | .1 | | | | | | | | | | | | | 4 | 4 | 387 | | | | | | | | | | | | | | |
| 72/71 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 186 | | | | | | | | | | | | | | |
| 70/69 | | .5 | | | | | | | | | | | | | | | | 4 | 4 | 50 | | | | | | | | | | | | | | |
| 68/67 | | | | | | | | | | | | | | | | | | | | 18 | | | | | | | | | | | | | | |
| 66/65 | | | | | | | | | | | | | | | | | | | | 6 | | | | | | | | | | | | | | |
| 64/63 | | | | | | | | | | | | | | | | | | | | 7 | | | | | | | | | | | | | | |
| 62/61 | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| 60/59 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 58/57 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 56/55 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 54/53 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 52/51 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 50/49 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 48/47 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 46/45 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | | .7 | .6 | .7 | 2.2 | 2.0 | 6.3 | 11.0 | 13.7 | 17.4 | 17.8 | 13.1 | 7.2 | 5.3 | 1.6 | .2 | .1 | 837 | 837 | 837 | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Element (X) | ΣX² | | | ΣX | | | X | | | σ _x | | | No. Obs. | | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | | | |
| Rel. Hum. | 1736308 | | | 36916 | | | 44.1 | | | 11.372 | | | 837 | | | ≤ 0 F | | ≤ 32 F | | ≥ 67 F | | ≥ 73 F | | ≥ 80 F | | ≥ 93 F | | Total | | | | | | |
| Dry Bulb | 6895247 | | | 75863 | | | 90.6 | | | 4.801 | | | 837 | | | | | | | 93.0 | | 92.4 | | 90.8 | | 33.2 | | 93 | | | | | | |
| Wet Bulb | 4460900 | | | 61078 | | | 73.0 | | | 2.156 | | | 837 | | | | | | | 91.4 | | 63.2 | | | | | | 93 | | | | | | |
| Dew Point | 3542033 | | | 54339 | | | 64.9 | | | 4.133 | | | 837 | | | | | | | 38.1 | | .3 | | | | | | 93 | | | | | | |

PSYCHROMETRIC SUMMARY

1111
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

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REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OIL)

USAFETAC

PSYCHROMETRIC SUMMARY

03933
STATION

FORT HOOD TEXAS/FORT HOOD AAF
STATION NAME

51-69

YEAPS

12 11
MONTH

PAGE 2

1500-1700
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-----------|----------|----------|-----------|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | +31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 10TAL | | 1.0 | .6 | 1.2 | 1.3 | 3.0 | 3.0 | 5.7 | 9.0 | 10.6 | 16.0 | 17.9 | 13.1 | 7.5 | 6.2 | 2.0 | 1.0 | 837 | 837 | 837 | 837 |
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REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (CU)

USAFETAC

PSYCHROMETRIC SUMMARY

YEARS

111
MONTH

PAGE 1 1900-2000
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-----|-----|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|-----|----|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17 | 18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | |
| 104/103 | | | | | | | | | | | | | | | .5 | .4 | .7 | .2 | .1 | 1 | 1 | | | | | | | | | | | | | | |
| 100/ 99 | | | | | | | | | | | | | | | 1.3 | 1.7 | 1.0 | .4 | .1 | 16 | 16 | | | | | | | | | | | | | | |
| 98/ 97 | | | | | | | | | | | | | .4 | | 2.3 | 1.6 | | | | 39 | 39 | | | | | | | | | | | | | | |
| 96/ 95 | | | | | | | | | | .1 | .7 | 3.0 | 2.3 | | | | | | | 64 | 64 | | | | | | | | | | | | | | |
| 94/ 93 | | | | | | | .1 | .1 | .5 | 3.3 | 3.9 | 2.0 | .2 | .1 | | | | | | 87 | 87 | | | | | | | | | | | | | | |
| 92/ 91 | | | | | | | | .1 | 1.4 | 3.0 | 5.9 | 2.3 | .8 | .1 | | | | | | 121 | 121 | | | | | | | | | | | | | | |
| 90/ 89 | | | | | | | .5 | 1.2 | 3.9 | 6.0 | 2.2 | 1.2 | .2 | | .1 | | | | | 133 | 133 | | | | | | | | | | | | | | |
| 88/ 87 | | | | | | .1 | 1.1 | 4.4 | 6.0 | 1.3 | .4 | .4 | | .2 | | .1 | | | | 116 | 116 | | | | | | | | | | | | | | |
| 86/ 85 | | | | | .5 | 3.3 | 3.3 | 1.3 | .5 | .6 | | .1 | .1 | | | | | | | 86 | 86 | | | | | | | | | | | | | | |
| 84/ 83 | | | | .7 | 2.4 | 2.0 | .2 | .2 | .4 | .1 | .1 | .1 | | | | | | | | 55 | 55 | | | | | | | | | | | | | | |
| 82/ 81 | | | .4 | 1.7 | 2.3 | .4 | .2 | .2 | .1 | .1 | | | | | | | | | | 45 | 45 | 1 | | | | | | | | | | | | | |
| 80/ 79 | | | .6 | 1.7 | .5 | .1 | .1 | | | | | .1 | | | | | | | | 26 | 26 | | | | | | | | | | | | | | |
| 78/ 77 | | | .5 | 1.0 | .1 | .1 | | .2 | | | | | | | | | | | | 16 | 16 | 10 | 1 | | | | | | | | | | | | |
| 76/ 75 | | .2 | 1.1 | .4 | .1 | | .1 | | | | | | | | | | | | | 16 | 16 | 97 | | | | | | | | | | | | | |
| 74/ 73 | .1 | .5 | .1 | .4 | | | | | | | | | | | | | | | | 9 | 9 | 289 | 14 | | | | | | | | | | | | |
| 72/ 71 | .2 | .1 | .1 | | | | | | | | | | | | | | | | | 4 | 4 | 286 | 49 | | | | | | | | | | | | |
| 70/ 69 | .1 | .2 | | | | | | | | | | | | | | | | | | 3 | 3 | 99 | 112 | | | | | | | | | | | | |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | | | 30 | 119 | | | | | | | | | | | | |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | | | 11 | 158 | | | | | | | | | | | | |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | | | 6 | 144 | | | | | | | | | | | | |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | | | | 6 | 83 | | | | | | | | | | | |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | | | 1 | 48 | | | | | | | | | | | | |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | | 1 | 48 | | | | | | | | | | | | |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | | | 33 | | | | | | | | | | | | |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | | | 11 | | | | | | | | | | | | |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | | | 6 | | | | | | | | | | | | |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | | | 4 | | | | | | | | | | | | |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | | | 3 | | | | | | | | | | | | |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | |
| TOTAL | .5 | 1.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

61-69

YEARS

6 4 7
MONTH

PAGE 1 0000-0200
HOURS (L. S. T.)

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REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (011)

USAFETAC

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YEARS

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PSYCHROMETRIC SUMMARY

YEARS

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PAGE 1 0600-0800
HOURS (11-5-7)

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FORM 9-26-5 (OLI)

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DATA PROCESSING DIVISION
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YEARS

61-69

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MONTH

PAGE 1 0200-1100
HOURS (L. S. T.)

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PSYCHROMETRIC SUMMARY

61-64

YEARS

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PAGE 1

1200-1400
HOURS (11-5-7)

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REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FORM 0-26-5 (011)

USAFETAC

PSYCHROMETRIC SUMMARY

YEARS

2000
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-----|-----|------------|-----|------|-----------|-------|-------|-------|-------|-----|----------|-------|-------|------------------------------------|-----|--------|------|--------|----------|----------|-----------|--------|--|--------|--|-------|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21 | 22-23 | 24-25 | 26-27 | 28-29 | 30 | ≥ 31 | D.B. | W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | |
| 106/105 | | | | | | | | | | | | | | | | | | 1.4 | 12 | 12 | | | | | | | | | | | | | | | |
| 104/103 | | | | | | | | | | | | | | | | | .6 | .7 | 1.0 | 12 | 19 | | | | | | | | | | | | | | |
| 102/101 | | | | | | | | | | | | | | | | 1.0 | 1.2 | 2.3 | 1.3 | 48 | 48 | | | | | | | | | | | | | | |
| 100/ 99 | | | | | | | | | | | .1 | | .4 | 2.2 | 1.4 | 1.0 | .1 | | 43 | 43 | | | | | | | | | | | | | | | |
| 98/ 97 | | | | | | | | | | .1 | .4 | 1.4 | 4.1 | 3.2 | 2.0 | .1 | | | 95 | 95 | | | | | | | | | | | | | | | |
| 96/ 95 | | | | | | | | | .2 | .4 | 2.3 | 5.4 | 5.3 | 1.6 | .3 | | | | 130 | 130 | | | | | | | | | | | | | | | |
| 94/ 93 | | | | | | | | .2 | .3 | 1.9 | 6.6 | 2.5 | 1.2 | .5 | | | | | 112 | 112 | | | | | | | | | | | | | | | |
| 92/ 91 | | | | | | | | 1.0 | 2.4 | 6.7 | 4.2 | 1.6 | .4 | .4 | | | | | 138 | 138 | | | | | | | | | | | | | | | |
| 90/ 89 | | | | | | | .4 | 1.2 | 3.9 | 2.0 | 2.2 | .7 | .2 | .2 | .6 | | | | 96 | 96 | | | | | | | | | | | | | | | |
| 88/ 87 | | | | | | | .5 | .8 | 1.1 | .7 | .7 | .2 | | .2 | | | | | 32 | 32 | | | | | | | | | | | | | | | |
| 86/ 85 | | | | | .1 | .4 | .7 | 1.6 | .4 | .6 | | | | | | | | | 31 | 31 | | | | | | | | | | | | | | | |
| 84/ 83 | | | | | .1 | 1.0 | .2 | .5 | .3 | | | | | | | | | | 19 | 19 | | | | | | | | | | | | | | | |
| 82/ 81 | | | | | .1 | .8 | .1 | .2 | .1 | | | | | | | | | | 12 | 12 | 1 | | | | | | | | | | | | | | |
| 80/ 79 | | | .3 | .2 | .7 | .6 | .1 | | | | | | | | | | | | 16 | 16 | 10 | | | | | | | | | | | | | | |
| 78/ 77 | | | .3 | .7 | .4 | .1 | .1 | | | | | | | | | | | | 15 | 15 | 24 | | | | | | | | | | | | | | |
| 76/ 75 | | | .2 | .2 | .2 | | | | | | | | | | | | | | 4 | 4 | 140 | 2 | | | | | | | | | | | | | |
| 74/ 73 | | | .6 | .2 | | .1 | | | | | | | | | | | | | 8 | 8 | 311 | 16 | | | | | | | | | | | | | |
| 72/ 71 | | .1 | .2 | .1 | | | | | | | | | | | | | | | 4 | 4 | 202 | 30 | | | | | | | | | | | | | |
| 70/ 69 | | .4 | | | | | | | | | | | | | | | | | 3 | 3 | 99 | 68 | | | | | | | | | | | | | |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | | 36 | 122 | | | | | | | | | | | | | |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | | 5 | 136 | | | | | | | | | | | | | |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | | 3 | 103 | | | | | | | | | | | | | |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | | 6 | 116 | | | | | | | | | | | | | |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | | | 107 | | | | | | | | | | | | | |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | | 52 | | | | | | | | | | | | | |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | | 37 | | | | | | | | | | | | | |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | | 26 | | | | | | | | | | | | | |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | | 10 | | | | | | | | | | | | | |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | |
| 46/ | | | | | | | | | | | | | | | | | | | | | | 3 | | | | | | | | | | | | | |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | | 3 | | | | | | | | | | | | | |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | | 3 | | | | | | | | | | | | | |
| Element (X) | ΣX^2 | | | ΣX | | | \bar{X} | | | s_x | | | No. Obs. | | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | | | | | | ≤ 0 F | | ≤ 32 F | | ≥ 67 F | | ≥ 73 F | | ≥ 80 F | | ≥ 93 F | | Total | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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0-26-5 (OU)

USAFETAC

PSYCHROMETRIC SUMMARY

YEARS

Aug
MONTH

PAGE 2 1500-1700
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

61-69

YEARS

6110
MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

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0-26-5 (OU)

USAFETAC

PSYCHROMETRIC SUMMARY

YEARS

AUG.
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PAGE 2 1800-2000
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

61-69

YEARS

211
MONTH

PAGE 1 2100-2300
HOURS (L. S. Y.)

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PSYCHROMETRIC SUMMARY

61-69

YEARS

511
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HOURS (L. S. T.)

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FORM 0.26-5 (011)

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PSYCHROMETRIC SUMMARY

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STATION

STATION NAME

YEARS

MONTH

PAGE 1 0600-0800
HOURS (U. S. T.)

SEVEN
HOURS 11 5 7

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FORM 0-26.5 (011)

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PSYCHROMETRIC SUMMARY

YEARS

SEP
MONTH

PAGE 1

0900-1100
HOURS (L. S. T.)

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PSYCHROMETRIC SUMMARY

01-69

YEARS

54
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

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PSYCHROMETRIC SUMMARY

YEARS

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MONTH

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HOURS (L. S. T.)

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5

YEARS

58 p

HOURS (L - S - T)

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PSYCHROMETRIC SUMMARY

01-69

YEARS

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HOURS (L. S. T.)

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FORM 41

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PSYCHROMETRIC SUMMARY

61-69

175
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PAGE 2 1200-1400
HOURS (L. S. T.)

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PSYCHROMETRIC SUMMARY

61-69

YEARS

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HOURS (L. S. T.)

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PSYCHROMETRIC SUMMARY

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61-60

1167

YEARS

MONTH

PAGE 1

1800-2000
HOURS (L., S., T.)

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1800-2000
HOURS (L. S. T.)

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PSYCHROMETRIC SUMMARY

61-67

YEARS

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MONTH

PAGE 1 2100-2300
HOURS (L - S - T -)

[illegible]

PSYCHROMETRIC SUMMARY

03933 FORT HOOD TEXAS/FORT HOOD AAF
STATION STATION NAME

61-63

441V

PAGE 1 0000-0200
HOURS 11 5 7 1

[illegible]

PSYCHROMETRIC SUMMARY

03933
STATIC

FORT HOOD TEXAS/FORT HOOD AAF
STATION NAME

61-69

YEARS

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MONTH

PAGE 1

0300-0500
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-------|-------|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | > 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | |
| 74/ 73 | | | .4 | | | | | | | | | | | | | | | 2 | 2 | | | | | | | | | | | | | | | |
| 72/ 71 | | .1 | .4 | | | | | | | | | | | | | | | 4 | 4 | | | | | | | | | | | | | | | |
| 70/ 69 | | .2 | .7 | .7 | | | | .1 | .4 | | | | | | | | | 18 | 18 | 5 | 2 | | | | | | | | | | | | | |
| 68/ 67 | .1 | .9 | 2.7 | .4 | | | | .2 | .1 | | | | | | | | | 36 | 36 | 9 | 8 | | | | | | | | | | | | | |
| 66/ 65 | .1 | 2.1 | 2.9 | .1 | .1 | | | .1 | | | | | | | | | | 41 | 41 | 21 | 9 | | | | | | | | | | | | | |
| 64/ 63 | .4 | 1.0 | 2.0 | .1 | | | .1 | | | | | | | | | | | 29 | 29 | 47 | 35 | | | | | | | | | | | | | |
| 62/ 61 | .6 | 5.8 | 1.0 | .2 | .1 | .1 | | | | | | | | | | | | 64 | 64 | 43 | 47 | | | | | | | | | | | | | |
| 60/ 59 | .6 | 2.5 | .7 | .6 | .4 | .4 | .5 | .1 | | | | | | | | | | 47 | 47 | 59 | 56 | | | | | | | | | | | | | |
| 58/ 57 | .6 | 2.1 | .9 | 1.1 | .6 | .2 | .2 | | | | | | | | | | | 47 | 47 | 37 | 40 | | | | | | | | | | | | | |
| 56/ 55 | .4 | 1.4 | 2.2 | .7 | 1.2 | .5 | .2 | | | | | | | | | | | 54 | 54 | 30 | 30 | | | | | | | | | | | | | |
| 54/ 53 | .2 | 2.1 | 3.1 | 1.7 | 1.5 | .4 | | | | | | | | | | | | 73 | 73 | 37 | 18 | | | | | | | | | | | | | |
| 52/ 51 | | .9 | 2.7 | .6 | .5 | .1 | | | | | | | | | | | | 39 | 39 | 41 | 30 | | | | | | | | | | | | | |
| 50/ 49 | .5 | 1.4 | 2.1 | 1.9 | .6 | .1 | | | | | | | | | | | | 61 | 61 | 56 | 34 | | | | | | | | | | | | | |
| 48/ 47 | .7 | .7 | 1.5 | 1.6 | .1 | .1 | | | | | | | | | | | | 39 | 39 | 74 | 39 | | | | | | | | | | | | | |
| 46/ 45 | .4 | 1.7 | 2.0 | 1.2 | .5 | .2 | | | | | | | | | | | | 49 | 49 | 57 | 45 | | | | | | | | | | | | | |
| 44/ 43 | .5 | 2.1 | 1.6 | 1.6 | .6 | .1 | | | | | | | | | | | | 53 | 53 | 58 | 56 | | | | | | | | | | | | | |
| 42/ 41 | .5 | 2.2 | 2.0 | 2.1 | .1 | | | | | | | | | | | | | 56 | 56 | 47 | 54 | | | | | | | | | | | | | |
| 40/ 39 | | 1.0 | 2.0 | 1.2 | .5 | | | | | | | | | | | | | 38 | 38 | 46 | 37 | | | | | | | | | | | | | |
| 38/ 37 | | .7 | 1.4 | .6 | .1 | | | | | | | | | | | | | 23 | 23 | 47 | 52 | | | | | | | | | | | | | |
| 36/ 35 | | .5 | 1.1 | .4 | | | | | | | | | | | | | | 16 | 16 | 39 | 49 | | | | | | | | | | | | | |
| 34/ 33 | | .2 | .6 | .7 | .1 | | | | | | | | | | | | | 14 | 14 | 22 | 28 | | | | | | | | | | | | | |
| 32/ 31 | | | .4 | | | | | | | | | | | | | | | 3 | 3 | 21 | 32 | | | | | | | | | | | | | |
| 30/ 29 | | | .9 | | | | | | | | | | | | | | | 4 | 4 | 8 | 24 | | | | | | | | | | | | | |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | 8 | 30 | | | | | | | | | | | | | |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | 3 | 18 | | | | | | | | | | | | | |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 11 | | | | | | | | | | | | | |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 6 | | | | | | | | | | | | | |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 11 | | | | | | | | | | | | | |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 6 | | | | | | | | | | | | | |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | |
| TOTAL | 5.729 | 6.332 | 217.8 | 7.2 | 2.3 | 1.1 | .6 | .5 | | | | | | | | | | | 810 | | 810 | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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PSYCHROMETRIC SUMMARY

60-69

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PSYCHROMETRIC SUMMARY

YEARS

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PAGE 2 0900-1100
HOURS (L - S - T.)

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PSYCHROMETRIC SUMMARY

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USAFETAC

DATA PROCESSING DIVISION
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PSYCHROMETRIC SUMMARY

03933
STATION

FORT HOOD TEXAS/FORT HOOD AAF
STATION NAME

60-69
YEARS

MAY
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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PSYCHROMETRIC SUMMARY

60-69

4114
MONTH

PAGE 2 1500-1700
HOURS (L. S. T.)

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PSYCHROMETRIC SUMMARY

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| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
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| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19 | 20-21 | 22-23 | 24-25 | 26-27 | 28-29 | 30 | > 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | |
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DATA PROCESSING DIVISION
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PSYCHROMETRIC SUMMARY

03933 FORT HOOD TEXAS/FORT HOOD AAF

6Q-69

DEC

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1200-1400
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | | | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------------|-------|-------|-------|-------|-----------|-------|-------|-------|-------|------------|------|-----------|----------|----------|-----------|----|----|--|--|------------------------------------|--|--|--|--|--------|-------|--|-------|--|--------|--|--|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | | | | | |
| 82/ 81 | | | | | | | | | | .1 | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | | | | | | |
| 80/ 79 | | | | | | | | .2 | | | .1 | | .2 | | | | | 5 | 5 | | | | | | | | | | | | | | | | | | | | | |
| 78/ 77 | | | | | | | .2 | | | .1 | .1 | .1 | .1 | | | | | | | 6 | | | | | | | | | | | | | | | | | | | | |
| 76/ 75 | | | | | | .1 | .2 | | .1 | .1 | .1 | .1 | .1 | | | | | | | 8 | | | | | | | | | | | | | | | | | | | | |
| 74/ 73 | | | .2 | .2 | .4 | .6 | .9 | | | .2 | | .1 | | | | | | 26 | 25 | | | | | | | | | | | | | | | | | | | | | |
| 72/ 71 | | | .2 | .2 | .9 | .5 | .3 | .2 | .1 | .3 | .3 | | | | | | | 28 | 28 | | | | | | | | | | | | | | | | | | | | | |
| 70/ 69 | | | .3 | .6 | .6 | .6 | 1.0 | .6 | .6 | .5 | .2 | | | | | | | 49 | 49 | 2 | 1 | | | | | | | | | | | | | | | | | | | |
| 68/ 67 | | .1 | .4 | .5 | .5 | .5 | .2 | .6 | .6 | .4 | .1 | | | | | | | 39 | 39 | 5 | 1 | | | | | | | | | | | | | | | | | | | |
| 66/ 65 | .1 | .4 | .5 | 1.0 | .5 | 1.3 | .9 | .9 | 1.0 | .2 | .1 | | | | | | | 64 | 64 | 26 | 3 | | | | | | | | | | | | | | | | | | | |
| 64/ 63 | | .2 | .1 | .5 | .8 | .6 | .5 | .8 | 1.0 | .5 | | | | | | | | 47 | 47 | 22 | 13 | | | | | | | | | | | | | | | | | | | |
| 62/ 61 | .2 | .2 | .5 | .5 | .4 | .9 | 1.4 | .8 | .9 | .2 | | | | | | | | 56 | 56 | 40 | 14 | | | | | | | | | | | | | | | | | | | |
| 60/ 59 | .2 | .4 | .5 | 1.1 | .3 | .5 | 1.0 | 1.5 | .3 | .3 | | | | | | | | 59 | 58 | 29 | 26 | | | | | | | | | | | | | | | | | | | |
| 58/ 57 | | .2 | .5 | .1 | .9 | 1.2 | 1.3 | .9 | .6 | | | | | | | | | 57 | 53 | 42 | 25 | | | | | | | | | | | | | | | | | | | |
| 56/ 55 | | .1 | .2 | .9 | .9 | 1.0 | 1.0 | .9 | .5 | | | | | | | | | 51 | 51 | 47 | 36 | | | | | | | | | | | | | | | | | | | |
| 54/ 53 | | .4 | .5 | 1.0 | 1.2 | 1.0 | 1.1 | 1.2 | | | | | | | | | | 59 | 59 | 47 | 17 | | | | | | | | | | | | | | | | | | | |
| 52/ 51 | | .5 | .5 | .8 | 1.0 | 1.2 | .9 | .2 | | | | | | | | | | 47 | 47 | 56 | 29 | | | | | | | | | | | | | | | | | | | |
| 50/ 49 | .2 | .9 | .8 | 1.2 | .6 | 1.0 | 1.1 | .4 | | | | | | | | | | 57 | 57 | 70 | 41 | | | | | | | | | | | | | | | | | | | |
| 48/ 47 | .1 | 1.1 | .2 | 1.2 | .8 | .1 | .6 | .1 | | | | | | | | | | 39 | 39 | 68 | 25 | | | | | | | | | | | | | | | | | | | |
| 46/ 45 | | 1.6 | .3 | .8 | .3 | 1.0 | .5 | | | | | | | | | | | 42 | 42 | 91 | 46 | | | | | | | | | | | | | | | | | | | |
| 44/ 43 | | 1.2 | .8 | 1.2 | .6 | .2 | .1 | | | | | | | | | | | 38 | 38 | 56 | 40 | | | | | | | | | | | | | | | | | | | |
| 42/ 41 | 1.0 | 1.1 | .3 | .2 | .9 | .3 | .1 | | | | | | | | | | | 36 | 36 | 86 | 41 | | | | | | | | | | | | | | | | | | | |
| 40/ 39 | .4 | 2.0 | .6 | .2 | .8 | .3 | | | | | | | | | | | | 41 | 41 | 64 | 75 | | | | | | | | | | | | | | | | | | | |
| 38/ 37 | .3 | .6 | .4 | .3 | .3 | | | | | | | | | | | | | 21 | 21 | 50 | 62 | | | | | | | | | | | | | | | | | | | |
| 36/ 35 | .2 | .5 | .8 | .3 | .1 | | | | | | | | | | | | | 18 | 18 | 33 | 59 | | | | | | | | | | | | | | | | | | | |
| 34/ 33 | .1 | .4 | .4 | .4 | .1 | | | | | | | | | | | | | 18 | 18 | 25 | 48 | | | | | | | | | | | | | | | | | | | |
| 32/ 31 | | .3 | .4 | | .1 | | | | | | | | | | | | | 8 | 8 | 32 | 55 | | | | | | | | | | | | | | | | | | | |
| 30/ 29 | | .3 | .2 | .1 | .2 | | | | | | | | | | | | | 8 | 8 | 19 | 43 | | | | | | | | | | | | | | | | | | | |
| 28/ 27 | | | .1 | .1 | | | | | | | | | | | | | | 2 | 2 | 5 | 39 | | | | | | | | | | | | | | | | | | | |
| 26/ 25 | | .2 | | .1 | | | | | | | | | | | | | | 3 | 3 | 3 | 39 | | | | | | | | | | | | | | | | | | | |
| 24/ 23 | | .1 | | .2 | | | | | | | | | | | | | | 3 | 3 | 7 | 26 | | | | | | | | | | | | | | | | | | | |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 2 | 25 | | | | | | | | | | | | | | | | | | |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 3 | 34 | | | | | | | | | | | | | | | | | | |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | | 16 | | | | | | | | | | | | | | | | | | |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | | | 22 | | | | | | | | | | | | | | | | | |
| Element (X) | ΣX^2 | | | | | ΣX | | | | | \bar{X} | | | | | σ_x | | | | | No. Obs. | | | | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | | | | | | | | | | | | | | | | ≤ 0 F | | | | | ≤ 32 F | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | - 67 F | | | | | ≥ 73 F | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | ≥ 80 F | | | | | ≥ 93 F | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Total | | | | |

REMOVED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FORM 0-20-5 (011)

USAF/ETAC

PSYCHROMETRIC SUMMARY

03033 FORT HOOD TEXAS/FORT HOOD AAF 60-67

15
MONTH

PAGE 2 1200-1400
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

00-67

YEARS

MONTH

PAGE 2 1500-1700
HOURS (L. S. T.)

[illegible]

5

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2

2

4

PSYCHROMETRIC SUMMARY

YEARS

744
MONTH

PAGE 2 1300-2000
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | |
|----------------|-------------------------------------|-------|-------|-------|-------|--------|---------|---------|---------|---------|---------|---------|----|----|---------|---------|---------|------|------|------|----------|----------|-----------|--------|--|--|--|--|--|--|-------|--|-------|--|--|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 | 24 | 25 - 26 | 27 - 28 | 29 - 30 | * 31 | D.B. | W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | |
| 6 / 5 4 / ? | | | | | | | | | | | | | | | | | | | | | | | | 2 2 | | | | | | | | | | | |
| TOTAL | 5.4 | 15.4 | 22.0 | 18.7 | 16.8 | 12.7 | 5.3 | 2.6 | .6 | .3 | | | | | | | | | | | 930 | 930 | 930 | | | | | | | | | | | | |
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PSYCHROMETRIC SUMMARY

750
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

| | |
|---------|-------------------------------|
| 03933 | FORT HOOD TEXAS/FORT HOOD AAF |
| STATION | STATION NAME |

80-64

YEARS

MONTH

PAGE 2 2100-2300
HOURS 11.5.73

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-------|-------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|------|----|------|----------|----------|-----------|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | + 31 | DB | W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | |
| 2/ TUTAL | 6.6 | 23.2 | 27.7 | 23.4 | 12.9 | 3.7 | 2.0 | .6 | | | | | | | | | | | | 899 | | 899 | | | | | | | | | | | | |
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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

03933 FORT HOOD TEXAS/FORT HOOD AAF 60-70

| STATION | | STATION NAME | | | | | | | | | | | | YEARS |
|------------|-----------|--------------|--------|--------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|
| HRS. (LST) | | JAN. | FEB. | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
| 00-02 | MEAN | 42.3 | 45.7 | 52.5 | 63.0 | 67.8 | 73.9 | 77.8 | 77.9 | 72.3 | 62.8 | 53.9 | 45.3 | 61.5 |
| | S.D. | 12.103 | 9.178 | 9.993 | 7.300 | 5.617 | 4.832 | 3.749 | 4.266 | 5.756 | 7.592 | 9.280 | 10.146 | 14.069 |
| | TOTAL OBS | 837 | 762 | 888 | 900 | 930 | 900 | 837 | 837 | 810 | 837 | 812 | 835 | 10183 |
| 03-05 | MEAN | 40.7 | 43.7 | 50.5 | 61.3 | 69.8 | 71.8 | 74.9 | 74.9 | 70.1 | 60.7 | 52.3 | 43.8 | 59.4 |
| | S.D. | 12.374 | 9.496 | 10.349 | 7.959 | 6.013 | 4.533 | 3.169 | 3.646 | 5.738 | 7.928 | 9.607 | 10.568 | 14.485 |
| | TOTAL OBS | 837 | 762 | 888 | 900 | 930 | 900 | 837 | 837 | 810 | 837 | 810 | 837 | 10185 |
| 06-08 | MEAN | 39.3 | 42.8 | 50.0 | 61.6 | 66.8 | 73.1 | 75.8 | 75.5 | 70.2 | 60.5 | 51.5 | 42.4 | 58.8 |
| | S.D. | 12.169 | 9.553 | 10.511 | 8.047 | 6.067 | 4.765 | 3.633 | 4.091 | 5.985 | 8.072 | 9.768 | 11.412 | 15.367 |
| | TOTAL OBS | 930 | 846 | 930 | 900 | 930 | 900 | 837 | 837 | 810 | 837 | 897 | 929 | 10563 |
| 09-11 | MEAN | 44.3 | 48.7 | 56.9 | 68.5 | 73.8 | 80.7 | 84.7 | 84.7 | 78.2 | 69.4 | 58.4 | 48.0 | 65.0 |
| | S.D. | 12.458 | 10.084 | 10.614 | 7.410 | 6.336 | 5.324 | 4.259 | 5.347 | 6.783 | 8.587 | 9.713 | 10.541 | 16.428 |
| | TOTAL OBS | 930 | 846 | 930 | 900 | 930 | 900 | 837 | 837 | 810 | 837 | 897 | 930 | 10564 |
| 12-14 | MEAN | 51.4 | 55.7 | 63.5 | 74.2 | 78.9 | 86.1 | 90.6 | 90.9 | 83.9 | 75.8 | 64.9 | 54.9 | 72.2 |
| | S.D. | 12.492 | 11.588 | 11.202 | 7.692 | 6.989 | 5.991 | 4.801 | 5.739 | 7.168 | 8.222 | 10.479 | 11.628 | 19.407 |
| | TOTAL OBS | 930 | 846 | 930 | 900 | 930 | 900 | 837 | 837 | 810 | 837 | 894 | 930 | 10581 |
| 15-17 | MEAN | 55.7 | 58.2 | 66.2 | 76.3 | 80.6 | 87.7 | 92.5 | 92.7 | 85.1 | 77.1 | 66.0 | 56.2 | 74.0 |
| | S.D. | 13.669 | 11.815 | 11.455 | 7.770 | 7.290 | 6.466 | 5.466 | 6.304 | 7.496 | 8.219 | 10.483 | 11.564 | 16.364 |
| | TOTAL OBS | 930 | 846 | 930 | 900 | 930 | 900 | 837 | 837 | 810 | 837 | 890 | 930 | 10577 |
| 18-20 | MEAN | 48.3 | 53.2 | 61.5 | 71.7 | 76.7 | 83.6 | 88.6 | 87.9 | 79.8 | 70.4 | 59.5 | 50.2 | 69.0 |
| | S.D. | 12.274 | 10.383 | 10.783 | 7.359 | 6.894 | 6.517 | 5.672 | 6.647 | 7.194 | 7.903 | 9.422 | 10.174 | 16.381 |
| | TOTAL OBS | 930 | 846 | 930 | 900 | 930 | 900 | 837 | 837 | 810 | 837 | 882 | 930 | 10569 |
| 21-23 | MEAN | 44.7 | 48.5 | 56.0 | 66.1 | 71.1 | 77.3 | 81.8 | 81.4 | 74.7 | 65.5 | 55.9 | 47.1 | 64.0 |
| | S.D. | 11.759 | 9.310 | 9.872 | 6.957 | 5.890 | 5.373 | 4.638 | 5.117 | 6.076 | 7.637 | 9.069 | 10.012 | 15.143 |
| | TOTAL OBS | 899 | 818 | 917 | 900 | 930 | 900 | 837 | 837 | 810 | 837 | 857 | 899 | 10441 |
| ALL HOURS | MEAN | 45.7 | 49.7 | 57.2 | 67.8 | 72.7 | 79.3 | 83.4 | 83.2 | 76.8 | 67.8 | 57.9 | 48.6 | 65.7 |
| | S.D. | 13.448 | 11.527 | 12.041 | 9.313 | 8.326 | 7.966 | 7.804 | 8.324 | 8.569 | 10.010 | 11.013 | 11.639 | 16.575 |
| | TOTAL OBS | 7223 | 6572 | 7343 | 7200 | 7440 | 7200 | 6696 | 6696 | 6480 | 6696 | 6937 | 7220 | 83703 |

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

03933 FORT HODD TEXAS/FORT HODD AAF 60-70

| STATION | | STATION NAME | | | | | | | | | | | | YEARS |
|-----------|-----------|--------------|-------|--------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|
| HRS (LST) | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
| 00-02 | MEAN | 38.8 | 41.2 | 47.4 | 58.3 | 63.7 | 68.8 | 70.8 | 70.3 | 66.8 | 57.2 | 49.6 | 41.8 | 54.5 |
| | S D | 11.996 | 8.975 | 10.104 | 8.321 | 6.007 | 4.042 | 2.690 | 3.109 | 5.769 | 8.541 | 9.705 | 10.408 | 13.963 |
| | TOTAL OBS | 837 | 762 | 888 | 900 | 930 | 900 | 837 | 837 | 810 | 837 | 810 | 835 | 10183 |
| 03-05 | MEAN | 37.7 | 39.9 | 46.4 | 57.4 | 62.8 | 68.1 | 70.1 | 69.6 | 66.1 | 56.4 | 48.6 | 40.7 | 55.6 |
| | S D | 12.388 | 9.447 | 10.587 | 8.921 | 6.587 | 4.139 | 2.693 | 3.239 | 5.981 | 8.951 | 10.009 | 10.621 | 14.299 |
| | TOTAL OBS | 836 | 762 | 888 | 900 | 930 | 900 | 837 | 837 | 810 | 837 | 810 | 837 | 10184 |
| 06-08 | MEAN | 36.0 | 39.0 | 46.2 | 57.7 | 63.4 | 69.0 | 70.7 | 70.1 | 66.3 | 56.5 | 48.3 | 39.7 | 55.1 |
| | S D | 14.007 | 9.598 | 10.790 | 8.878 | 6.242 | 4.025 | 2.643 | 3.276 | 6.085 | 9.075 | 10.092 | 10.414 | 14.900 |
| | TOTAL OBS | 930 | 846 | 930 | 900 | 930 | 900 | 837 | 837 | 810 | 837 | 897 | 922 | 10563 |
| 09-11 | MEAN | 39.9 | 43.1 | 49.9 | 60.8 | 66.1 | 71.0 | 72.5 | 72.5 | 69.1 | 60.6 | 52.1 | 43.2 | 58.1 |
| | S D | 11.671 | 9.229 | 9.992 | 7.690 | 5.521 | 3.576 | 2.190 | 2.648 | 5.483 | 8.133 | 9.376 | 9.952 | 14.135 |
| | TOTAL OBS | 930 | 846 | 930 | 900 | 930 | 900 | 837 | 837 | 810 | 837 | 897 | 930 | 10584 |
| 12-14 | MEAN | 43.8 | 46.5 | 52.9 | 62.7 | 67.6 | 71.9 | 73.0 | 72.9 | 70.1 | 62.4 | 54.7 | 46.7 | 60.2 |
| | S D | 11.246 | 8.903 | 9.374 | 7.183 | 5.238 | 3.416 | 2.156 | 2.594 | 5.044 | 7.356 | 8.880 | 9.691 | 12.744 |
| | TOTAL OBS | 930 | 846 | 930 | 900 | 930 | 900 | 837 | 837 | 810 | 837 | 894 | 940 | 10581 |
| 15-17 | MEAN | 45.0 | 47.6 | 53.8 | 63.2 | 68.0 | 71.9 | 72.9 | 72.7 | 69.9 | 62.0 | 55.0 | 47.3 | 60.6 |
| | S D | 10.906 | 8.626 | 9.048 | 6.929 | 5.221 | 3.317 | 2.237 | 2.592 | 4.902 | 7.041 | 8.740 | 9.400 | 12.449 |
| | TOTAL OBS | 930 | 846 | 930 | 900 | 930 | 900 | 837 | 837 | 810 | 837 | 890 | 930 | 10577 |
| 18-20 | MEAN | 42.4 | 45.4 | 51.9 | 61.8 | 66.7 | 70.7 | 72.1 | 71.6 | 68.6 | 60.2 | 52.3 | 44.6 | 58.0 |
| | S D | 11.066 | 8.662 | 9.229 | 7.275 | 5.226 | 3.396 | 2.479 | 2.826 | 5.033 | 7.583 | 9.027 | 9.650 | 13.696 |
| | TOTAL OBS | 930 | 846 | 930 | 900 | 930 | 900 | 837 | 837 | 810 | 837 | 882 | 930 | 10569 |
| 21-23 | MEAN | 40.4 | 42.9 | 49.4 | 59.7 | 65.0 | 69.5 | 71.0 | 70.5 | 67.2 | 58.2 | 50.6 | 42.9 | 57.2 |
| | S D | 11.381 | 8.766 | 9.572 | 7.763 | 5.539 | 3.737 | 2.738 | 3.089 | 5.452 | 8.145 | 9.412 | 10.013 | 13.513 |
| | TOTAL OBS | 899 | 816 | 917 | 900 | 930 | 900 | 837 | 837 | 810 | 837 | 857 | 892 | 10541 |
| ALL HOURS | MEAN | 40.6 | 43.3 | 49.8 | 60.2 | 65.4 | 70.1 | 71.7 | 71.3 | 68.0 | 59.3 | 51.4 | 43.4 | 57.8 |
| | S D | 11.884 | 9.449 | 10.218 | 8.183 | 5.984 | 3.964 | 2.698 | 3.170 | 5.677 | 8.462 | 9.710 | 10.321 | 13.817 |
| | TOTAL OBS | 7222 | 6572 | 7343 | 7200 | 7440 | 7200 | 6696 | 6696 | 6480 | 6696 | 6937 | 7220 | 83702 |

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

03933 Fort Hood Texas/Fort Hood AAF 60-70

| STATION | STATION NAME | YEARS | | | | | | | | | | | | |
|-----------|--------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|--------------------------|
| HRS (LST) | JAN. | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL | |
| 00-02 | MEAN S D TOTAL OBS | 33.3 15.098 837 | 35.2 11.626 762 | 41.8 13.159 888 | 54.7 10.756 900 | 61.2 7.260 930 | 66.3 4.653 900 | 67.3 3.934 837 | 66.8 4.636 810 | 64.0 6.659 837 | 53.0 11.054 610 | 45.1 12.313 837 | 37.0 12.764 837 | 52.4 16.123 10183 |
| 03-05 | MEAN S D TOTAL OBS | 32.7 14.215 836 | 34.7 11.884 762 | 41.6 13.312 888 | 54.4 11.068 900 | 61.0 7.353 930 | 66.3 4.616 900 | 67.9 3.549 837 | 67.1 4.463 837 | 63.9 6.926 810 | 52.9 11.197 837 | 44.9 12.250 810 | 30.5 12.787 837 | 52.2 16.372 10184 |
| 06-08 | MEAN S D TOTAL OBS | 32.1 14.572 930 | 35.0 11.955 846 | 41.7 13.431 930 | 54.6 11.021 900 | 61.5 7.178 930 | 66.9 4.487 900 | 68.4 3.363 837 | 67.8 4.370 837 | 64.2 6.963 810 | 53.2 11.216 837 | 44.9 12.154 897 | 39.7 12.401 929 | 51.8 16.717 10523 |
| 09-11 | MEAN S D TOTAL OBS | 33.5 14.750 930 | 36.0 12.150 846 | 42.6 13.562 930 | 55.2 11.149 900 | 61.8 7.363 930 | 66.6 4.438 900 | 67.1 3.597 837 | 67.0 4.514 837 | 64.5 6.972 810 | 54.3 11.303 837 | 46.1 12.525 897 | 37.1 17.980 930 | 52.4 16.255 10524 |
| 12-14 | MEAN S D TOTAL OBS | 34.3 14.726 930 | 36.0 12.101 846 | 42.8 13.566 930 | 54.9 11.352 900 | 61.5 7.519 930 | 65.3 4.599 900 | 64.9 4.133 837 | 64.7 4.981 837 | 63.3 7.146 810 | 53.3 11.327 837 | 45.7 12.863 894 | 37.6 13.009 930 | 51.8 15.718 10581 |
| 15-17 | MEAN S D TOTAL OBS | 34.2 14.592 930 | 35.9 12.044 846 | 42.2 13.552 930 | 54.4 11.404 900 | 61.1 7.860 930 | 64.5 4.832 900 | 63.8 4.757 837 | 63.2 5.304 837 | 62.1 7.471 810 | 52.5 11.365 837 | 45.2 13.060 890 | 37.3 13.041 930 | 51.1 15.541 10577 |
| 18-20 | MEAN S D TOTAL OBS | 34.5 14.532 930 | 36.1 11.994 846 | 42.6 13.162 930 | 54.9 10.997 900 | 61.2 7.332 930 | 64.9 4.733 900 | 64.3 5.073 837 | 63.8 5.507 837 | 62.7 7.025 810 | 52.9 10.847 837 | 45.6 12.451 882 | 37.8 12.784 930 | 51.5 15.405 10569 |
| 21-23 | MEAN S D TOTAL OBS | 34.2 14.607 899 | 35.7 11.656 818 | 42.7 12.878 917 | 55.0 10.559 900 | 61.5 7.010 930 | 65.7 4.664 900 | 66.0 4.695 837 | 65.3 5.270 837 | 63.2 7.028 810 | 52.8 10.927 837 | 45.3 12.411 857 | 37.5 12.752 899 | 52.0 15.669 10441 |
| ALL HOURS | MEAN S D TOTAL OBS | 33.6 14.771 7222 | 35.6 11.737 6572 | 42.3 13.333 7343 | 54.8 11.040 7200 | 61.3 7.263 7440 | 65.8 4.677 7200 | 66.3 4.486 6696 | 65.7 5.155 6696 | 63.5 7.089 6480 | 53.1 11.162 6696 | 45.3 12.514 6937 | 37.1 12.776 7220 | 51.9 15.913 827.12 |

DATA PROCESSING DIVISION
ETAC/USA
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

03933
STATION

FORT HOOD TEXAS/FORT HOOD AAF
STATION NAME

60-70
PERIOD

ALL
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO OF OBS |
|--------|----------------|--|-------|------|------|------|------|------|------|------|------------------------------|-----------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| JAN | ALL | 100.0 | 98.9 | 91.0 | 85.0 | 74.0 | 61.2 | 48.6 | 34.1 | 13.1 | 64.6 | 7222 |
| FEB | | 100.0 | 98.6 | 92.1 | 81.9 | 68.9 | 51.9 | 39.5 | 24.1 | 9.2 | 62.4 | 6972 |
| MAR | | 100.0 | 98.1 | 91.2 | 80.0 | 67.0 | 52.7 | 39.1 | 24.0 | 6.2 | 61.5 | 7343 |
| APR | | 100.0 | 99.3 | 94.7 | 87.1 | 76.1 | 62.0 | 48.1 | 32.2 | 7.6 | 66.4 | 7200 |
| MAY | | 100.0 | 99.9 | 98.3 | 93.7 | 82.8 | 70.3 | 54.9 | 37.3 | 7.2 | 70.2 | 7460 |
| JUN | | 100.0 | 100.0 | 99.2 | 92.6 | 76.2 | 60.3 | 44.7 | 27.2 | 0.1 | 66.2 | 7200 |
| JUL | | 100.0 | 99.8 | 95.4 | 80.9 | 63.4 | 48.8 | 32.7 | 17.4 | 4.2 | 59.8 | 6696 |
| AUG | | 100.0 | 99.4 | 93.0 | 79.3 | 62.7 | 47.6 | 33.1 | 19.1 | 4.5 | 59.4 | 6696 |
| SEP | | 100.0 | 100.0 | 98.1 | 89.7 | 77.0 | 62.9 | 46.7 | 28.4 | 5.2 | 66.4 | 6480 |
| OCT | | 100.0 | 99.1 | 93.7 | 84.5 | 71.3 | 53.7 | 38.8 | 24.9 | 7.1 | 62.9 | 6696 |
| NOV | | 100.0 | 99.0 | 94.8 | 86.9 | 76.1 | 62.5 | 47.2 | 30.8 | 12.0 | 66.7 | 6937 |
| DEC | | 100.0 | 99.3 | 95.4 | 88.2 | 78.3 | 64.9 | 48.5 | 33.0 | 14.7 | 67.9 | 7220 |
| TOTALS | | 100.0 | 99.3 | 95.0 | 85.8 | 72.9 | 58.4 | 43.5 | 27.7 | 8.1 | 64.7 | 83702 |

RELATIVE HUMIDITY

844

STATION

STATION NAME

PERIOD

MONTH

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO. OF OBS. |
|--------|----------------|--|-------|------|------|------|------|------|------|------|------------------------------|-------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| JAN | 00-07 | 100.0 | 99.8 | 98.6 | 94.7 | 84.3 | 72.3 | 58.8 | 41.9 | 16.0 | 72.3 | 837 |
| | 08-05 | 100.0 | 100.0 | 98.7 | 96.9 | 86.4 | 75.1 | 62.7 | 48.7 | 19.3 | 74.7 | 836 |
| | 06-06 | 100.0 | 100.0 | 99.6 | 98.3 | 91.5 | 80.1 | 66.9 | 50.3 | 20.6 | 76.6 | 930 |
| | 09-11 | 100.0 | 100.0 | 98.2 | 88.7 | 76.3 | 62.5 | 51.3 | 39.1 | 14.0 | 68.3 | 930 |
| | 12-14 | 100.0 | 98.1 | 85.9 | 68.7 | 55.4 | 43.0 | 30.6 | 17.9 | 7.4 | 56.6 | 930 |
| | 15-17 | 100.0 | 94.9 | 78.2 | 61.3 | 50.0 | 37.6 | 27.2 | 17.7 | 5.9 | 52.7 | 930 |
| | 18-20 | 100.0 | 98.9 | 92.9 | 80.6 | 67.0 | 53.1 | 39.7 | 24.2 | 9.0 | 62.2 | 930 |
| | 21-23 | 100.0 | 99.7 | 97.9 | 90.5 | 79.4 | 65.7 | 51.5 | 35.3 | 12.6 | 69.0 | 899 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 98.9 | 93.8 | 85.0 | 74.0 | 61.2 | 48.6 | 34.1 | 13.1 | 66.6 | 7222 |

RELATIVE HUMIDITY

8.3

MONTH

| MONTH | HOURS (L.S.T) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO OF OBS |
|--------|------------------|--|-------|------|------|------|------|------|------|------|------------------------------|-----------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| FEB | 00-02 | 100.0 | 99.9 | 97.8 | 95.8 | 82.8 | 64.8 | 49.1 | 28.2 | 10.1 | 68.5 | 702 |
| | 03-05 | 100.0 | 100.0 | 98.7 | 96.5 | 90.8 | 74.7 | 56.0 | 34.8 | 13.8 | 72.2 | 762 |
| | 06-08 | 100.0 | 100.0 | 98.3 | 97.4 | 92.8 | 80.3 | 63.8 | 41.8 | 19.0 | 75.2 | 846 |
| | 09-11 | 100.0 | 99.8 | 97.2 | 87.4 | 72.7 | 55.7 | 37.7 | 23.8 | 9.5 | 64.1 | 845 |
| | 12-14 | 100.0 | 96.3 | 83.0 | 62.3 | 45.7 | 34.6 | 23.0 | 13.6 | 5.0 | 51.9 | 895 |
| | 15-17 | 100.0 | 94.0 | 75.2 | 51.9 | 39.0 | 27.4 | 19.6 | 11.7 | 3.0 | 47.8 | 846 |
| | 18-20 | 99.9 | 98.5 | 89.5 | 73.0 | 55.0 | 39.0 | 27.3 | 16.3 | 5.4 | 55.9 | 846 |
| | 21-23 | 100.0 | 99.9 | 96.7 | 90.7 | 71.5 | 54.3 | 38.5 | 22.9 | 7.7 | 63.9 | 818 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 98.6 | 92.1 | 81.9 | 68.9 | 53.9 | 39.5 | 24.1 | 9.2 | 62.4 | 6372 |

RELATIVE HUMIDITY

03933

FORT HOOD TEXAS/FORT HOOD AAF

61-70

23 22

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO. OF OBS. |
|--------|----------------|--|-------|------|------|------|------|------|------|------|------------------------------|-------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| MAR | 00-02 | 100.0 | 100.0 | 99.5 | 92.5 | 82.4 | 68.0 | 51.0 | 30.5 | 7.5 | 88.7 | 845 |
| | 03-05 | 100.0 | 100.0 | 99.4 | 94.7 | 88.5 | 75.9 | 63.0 | 40.3 | 10.9 | 73.1 | 888 |
| | 06-08 | 100.0 | 99.9 | 99.2 | 97.7 | 90.9 | 80.1 | 66.5 | 43.9 | 12.4 | 74.7 | 930 |
| | 09-11 | 100.0 | 99.1 | 94.0 | 83.5 | 68.4 | 54.4 | 36.5 | 23.1 | 6.2 | 62.0 | 931 |
| | 12-14 | 100.0 | 95.9 | 82.8 | 63.8 | 45.7 | 30.3 | 19.2 | 11.6 | 2.6 | 50.8 | 930 |
| | 15-17 | 100.0 | 92.0 | 73.2 | 51.5 | 37.0 | 22.6 | 13.2 | 9.5 | 2.4 | 46.0 | 930 |
| | 18-20 | 100.0 | 97.8 | 86.3 | 69.1 | 50.4 | 35.2 | 22.7 | 13.9 | 2.7 | 53.5 | 930 |
| | 21-23 | 100.0 | 99.9 | 96.3 | 87.1 | 72.3 | 55.1 | 38.3 | 21.8 | 5.2 | 63.4 | 917 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 96.1 | 91.2 | 80.0 | 67.0 | 52.7 | 39.1 | 24.0 | 6.2 | 61.5 | 7342 |

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

03233 FORT HOOD TEXAS/FORT HOOD AAF
STATION STATION NAME

61-70
PERIOD

APR
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO. OF OBS. |
|--------|-------------------|--|-------|-------|------|------|------|------|------|------|------------------------------|-------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| APR | 00-02 | 100.0 | 100.0 | 100.0 | 98.1 | 92.0 | 79.6 | 67.3 | 49.6 | 10.3 | 75.5 | 700 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 99.3 | 95.4 | 85.6 | 75.7 | 60.9 | 15.3 | 79.1 | 900 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 99.3 | 93.3 | 86.1 | 76.1 | 59.0 | 10.8 | 79.9 | 900 |
| | 09-11 | 100.0 | 99.6 | 96.6 | 88.8 | 75.3 | 62.9 | 45.6 | 24.8 | 5.9 | 63.4 | 900 |
| | 12-14 | 100.0 | 98.3 | 88.3 | 71.7 | 55.7 | 37.3 | 21.9 | 10.3 | 2.2 | 54.2 | 900 |
| | 15-17 | 100.0 | 97.1 | 80.0 | 63.6 | 48.3 | 29.9 | 16.9 | 8.7 | 1.8 | 50.3 | 900 |
| | 18-20 | 100.0 | 99.4 | 93.0 | 79.8 | 63.9 | 46.9 | 28.1 | 16.0 | 2.9 | 58.4 | 900 |
| | 21-23 | 100.0 | 100.0 | 99.4 | 96.4 | 84.1 | 67.7 | 53.0 | 30.9 | 5.9 | 69.4 | 900 |
| | | | | | | | | | | | | |
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| TOTALS | | 100.0 | 99.3 | 94.7 | 87.1 | 76.1 | 62.0 | 48.1 | 32.2 | 7.6 | 66.4 | 7200 |

RELATIVE HUMIDITY

147
MONTH

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO. OF OBS. |
|--------|-------------------|--|-------|-------|-------|-------|------|------|------|------|------------------------------|-------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| MAY | 00-02 | 100.0 | 100.0 | 100.0 | 100.0 | 99.2 | 94.0 | 82.0 | 60.0 | 9.2 | 80.0 | 930 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 97.3 | 92.5 | 78.1 | 18.2 | 64.6 | 930 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 100.0 | 99.6 | 96.7 | 90.2 | 72.3 | 17.2 | 83.6 | 930 |
| | 09-11 | 100.0 | 99.9 | 99.4 | 95.8 | 87.2 | 69.7 | 47.1 | 21.6 | 4.3 | 67.9 | 930 |
| | 12-14 | 100.0 | 99.7 | 96.5 | 86.2 | 63.3 | 40.8 | 21.5 | 9.2 | 1.2 | 57.4 | 930 |
| | 15-17 | 100.0 | 99.6 | 92.8 | 78.3 | 54.7 | 33.4 | 16.9 | 8.9 | 1.7 | 54.2 | 930 |
| | 18-20 | 100.0 | 99.7 | 97.7 | 90.2 | 71.7 | 49.0 | 30.0 | 15.2 | 2.3 | 61.1 | 930 |
| | 21-23 | 100.0 | 100.0 | 99.9 | 98.8 | 94.6 | 81.5 | 59.2 | 33.0 | 3.5 | 72.6 | 930 |
| | | | | | | | | | | | | |
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| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 99.9 | 98.3 | 93.7 | 83.8 | 70.3 | 54.9 | 37.3 | 7.2 | 70.2 | 7440 |

RELATIVE HUMIDITY

03933 FORT HOOD TEXAS/FORT HOOD AAF

01-70

1 2 3

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO. OF OBS |
|--------|-------------------|--|-------|-------|-------|-------|------|------|------|------|------------------------------|------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| JUN | 00-02 | 100.0 | 100.0 | 100.0 | 100.0 | 99.6 | 92.8 | 77.1 | 46.0 | 0.3 | 77.7 | 700 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 98.9 | 92.0 | 66.6 | 15.6 | 83.3 | 900 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 100.0 | 99.9 | 97.7 | 86.7 | 59.3 | 13.0 | 81.1 | 700 |
| | 09-11 | 100.0 | 100.0 | 99.9 | 98.8 | 87.0 | 56.8 | 27.1 | 8.4 | 1.2 | 63.4 | 900 |
| | 12-14 | 100.0 | 100.0 | 98.6 | 85.2 | 44.7 | 16.9 | 6.8 | 4.2 | 1.0 | 51.3 | 700 |
| | 15-17 | 100.0 | 99.9 | 96.7 | 70.6 | 29.3 | 14.8 | 7.8 | 3.1 | 1.7 | 48.1 | 900 |
| | 18-20 | 100.0 | 100.0 | 98.3 | 87.1 | 56.0 | 31.7 | 15.6 | 8.3 | 3.2 | 58.5 | 700 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 99.1 | 93.1 | 72.6 | 44.3 | 19.7 | 5.1 | 68.8 | 900 |
| | | | | | | | | | | | | |
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| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 99.2 | 92.6 | 76.2 | 60.3 | 44.7 | 27.2 | 6.1 | 66.2 | 7200 |

RELATIVE HUMIDITY

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MONTH

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO. OF OBS. |
|--------|----------------|--|-------|-------|-------|------|------|------|------|------|------------------------------|-------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| JUL | 00-02 | 100.0 | 100.0 | 100.0 | 99.9 | 95.9 | 82.9 | 52.1 | 24.6 | 5.7 | 71.7 | 837 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 100.0 | 99.9 | 95.5 | 82.0 | 49.7 | 11.5 | 79.6 | 837 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 99.9 | 99.5 | 94.4 | 77.1 | 40.0 | 10.6 | 78.3 | 837 |
| | 09-11 | 100.0 | 100.0 | 99.9 | 94.4 | 68.6 | 37.5 | 11.8 | 3.0 | 1.0 | 56.9 | 837 |
| | 12-14 | 100.0 | 100.0 | 91.8 | 57.7 | 23.3 | 7.6 | 3.0 | 1.3 | .5 | 44.1 | 837 |
| | 15-17 | 100.0 | 99.0 | 81.5 | 40.9 | 16.1 | 7.4 | 3.3 | 1.7 | .8 | 40.4 | 837 |
| | 18-20 | 100.0 | 99.6 | 90.7 | 62.0 | 32.6 | 16.8 | 7.6 | 3.3 | .8 | 40.9 | 837 |
| | 21-23 | 100.0 | 100.0 | 99.2 | 93.0 | 75.5 | 47.8 | 24.6 | 9.8 | 2.4 | 60.6 | 837 |
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| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 99.8 | 92.4 | 80.9 | 63.9 | 48.8 | 32.7 | 17.4 | 4.2 | 59.8 | 6694 |

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

03933 FORT HODD TEXAS/FORT HODD AAF

61-64

REL

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO OF OBS. |
|--------|----------------|--|-------|-------|------|------|------|------|------|------|------------------------------|------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| AUG | 00-02 | 100.0 | 100.0 | 99.8 | 98.6 | 91.4 | 75.7 | 51.5 | 25.2 | 9.8 | 70.1 | 837 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 99.8 | 97.3 | 90.4 | 75.0 | 49.0 | 10.6 | 77.9 | 837 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 99.4 | 97.6 | 89.4 | 74.8 | 50.9 | 12.2 | 78.2 | 837 |
| | 09-11 | 100.0 | 99.9 | 97.7 | 88.2 | 68.1 | 41.0 | 16.7 | 6.7 | 2.5 | 57.5 | 837 |
| | 12-14 | 100.0 | 99.4 | 85.5 | 58.8 | 23.8 | 9.9 | 4.1 | 2.2 | 1.1 | 43.9 | 837 |
| | 15-17 | 100.0 | 96.9 | 74.8 | 46.8 | 15.8 | 7.8 | 4.3 | 2.3 | .2 | 39.8 | 837 |
| | 18-20 | 100.0 | 99.2 | 87.3 | 61.8 | 35.4 | 19.8 | 10.0 | 5.4 | 1.7 | 47.6 | 837 |
| | 21-23 | 100.0 | 100.0 | 98.7 | 88.9 | 72.2 | 46.7 | 27.7 | 10.8 | 3.0 | 60.3 | 837 |
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| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 99.4 | 93.0 | 79.5 | 62.7 | 47.6 | 33.1 | 19.1 | 4.5 | 59.4 | 6696 |

RELATIVE HUMIDITY

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| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO OF OBS. |
|--------|----------------|--|-------|-------|-------|------|------|------|------|------|------------------------------|------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| SEP | 00-02 | 100.0 | 100.0 | 100.0 | 100.0 | 98.0 | 89.8 | 70.2 | 41.2 | 7.5 | 76.1 | 810 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 100.0 | 99.5 | 97.3 | 86.2 | 59.8 | 10.9 | 81.2 | 810 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 100.0 | 99.0 | 96.9 | 87.5 | 63.0 | 12.5 | 81.7 | 810 |
| | 09-11 | 100.0 | 100.0 | 99.6 | 96.5 | 82.3 | 60.0 | 32.6 | 15.2 | 2.5 | 64.5 | 810 |
| | 12-14 | 100.0 | 100.0 | 96.4 | 76.9 | 47.0 | 24.9 | 13.2 | 6.4 | 1.0 | 52.1 | 810 |
| | 15-17 | 100.0 | 99.9 | 90.5 | 61.1 | 30.3 | 22.6 | 13.2 | 5.4 | 1.1 | 48.7 | 810 |
| | 18-20 | 100.0 | 100.0 | 94.1 | 85.2 | 63.5 | 41.9 | 25.3 | 11.4 | 2.2 | 58.2 | 810 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 98.0 | 90.0 | 69.6 | 45.7 | 24.7 | 4.0 | 68.8 | 810 |
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| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 94.1 | 89.7 | 77.0 | 62.9 | 46.7 | 28.4 | 5.2 | 66.4 | 6450 |

RELATIVE HUMIDITY

12
MONTH

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO OF OBS. |
|--------|----------------|--|-------|-------|------|------|------|------|------|------|------------------------------|------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| OCT | 00-02 | 100.0 | 100.0 | 100.0 | 97.4 | 89.5 | 72.9 | 55.8 | 35.6 | 9.0 | 71.7 | 837 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 98.9 | 94.6 | 83.2 | 67.5 | 47.9 | 14.0 | 76.5 | 837 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 99.3 | 95.8 | 84.9 | 70.5 | 52.3 | 16.1 | 77.9 | 837 |
| | 09-11 | 100.0 | 99.9 | 97.3 | 85.7 | 69.2 | 51.3 | 33.2 | 15.6 | 4.5 | 61.3 | 837 |
| | 12-14 | 100.0 | 97.6 | 83.2 | 64.0 | 44.9 | 21.5 | 11.0 | 4.1 | 2.6 | 48.6 | 837 |
| | 15-17 | 100.0 | 95.5 | 76.0 | 57.9 | 34.9 | 16.8 | 9.9 | 4.1 | 2.2 | 45.5 | 837 |
| | 18-20 | 100.0 | 99.6 | 93.5 | 79.7 | 62.1 | 39.4 | 22.0 | 10.0 | 3.3 | 56.5 | 837 |
| | 21-23 | 100.0 | 100.0 | 99.2 | 93.3 | 79.7 | 59.9 | 40.1 | 22.3 | 4.7 | 65.4 | 837 |
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| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 99.1 | 97.7 | 84.5 | 71.3 | 53.7 | 38.6 | 24.9 | 7.1 | 62.9 | 6096 |

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DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

03933
STATION

FORT HOOD TEXAS/FORT HOOD AAF
STATION NAME

60-60

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO OF OBS |
|--------|----------------|--|-------|-------|------|------|------|------|------|------|------------------------------|-----------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| DEC | 00-02 | 100.0 | 100.0 | 100.0 | 98.0 | 91.7 | 76.0 | 56.9 | 42.4 | 15.4 | 73.9 | 835 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 98.9 | 95.0 | 83.6 | 64.4 | 46.6 | 20.8 | 76.5 | 817 |
| | 06-08 | 100.0 | 100.0 | 99.7 | 99.0 | 90.0 | 86.7 | 68.7 | 49.4 | 23.4 | 78.1 | 929 |
| | 09-11 | 100.0 | 100.0 | 95.3 | 91.3 | 78.7 | 62.8 | 47.0 | 32.5 | 14.9 | 68.6 | 930 |
| | 12-14 | 100.0 | 98.5 | 86.6 | 70.4 | 50.2 | 41.5 | 26.8 | 16.5 | 9.4 | 56.7 | 730 |
| | 15-17 | 100.0 | 96.2 | 82.3 | 65.2 | 50.7 | 40.1 | 25.2 | 14.9 | 8.3 | 51.8 | 910 |
| | 18-20 | 100.0 | 99.5 | 94.5 | 87.7 | 73.0 | 57.4 | 44.4 | 24.8 | 11.1 | 63.2 | 930 |
| | 21-23 | 100.0 | 100.0 | 99.4 | 95.0 | 85.2 | 71.1 | 54.4 | 34.9 | 14.3 | 71.1 | 899 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 99.3 | 95.4 | 88.2 | 78.3 | 64.9 | 48.5 | 33.0 | 14.7 | 67.9 | 7220 |

DATA PROCESSING DIVISION
ETAC/UCAF
AIR WEATHER SERVICE (MAC)
ASHEVILLE, NORTH CAROLINA

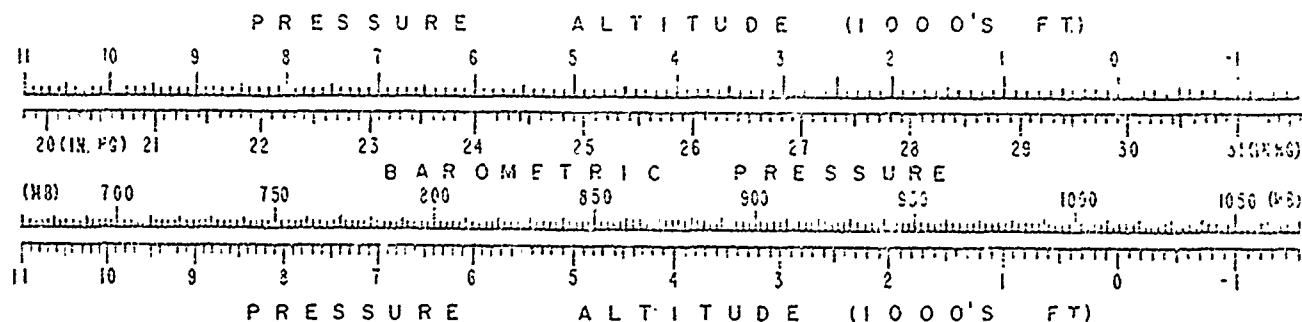
PART F

PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviation, and total number of observations of station pressure and sea-level pressure by month and annual for the local monthly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited to January 1946 through December 1963 because of changes in reporting practices before and after those dates.

1. Station pressure in inches of mercury.
2. Sea-level pressure in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure altitude in 1000's of feet. This scale is an enlarged model of the pressure altitude scale in the Smithsonian Meteorological Tables.



DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

03933 FORT HOOD TEXAS/FORT HOOD AAF 60-70

| STATION | | STATION NAME | | | | | | | | | | | | YEARS | | | | | | | | | | | |
|------------|-----------|--------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|--|--|--|--|--|--|--|--|--|--|
| HRS. (LST) | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL | | | | | | | | | | | |
| 00 | MEAN | 29.150 | 29.096 | 29.043 | 28.972 | 29.000 | 28.973 | 29.019 | 29.011 | 29.007 | 29.074 | 29.104 | 29.126 | 29.046 | | | | | | | | | | | |
| | S D | .201 | .191 | .184 | .158 | .130 | .095 | .061 | .077 | .099 | .131 | .183 | .206 | .161 | | | | | | | | | | | |
| | TOTAL OBS | 279 | 254 | 296 | 300 | 310 | 299 | 279 | 279 | 270 | 279 | 269 | 276 | 3320 | | | | | | | | | | | |
| 03 | MEAN | 29.153 | 29.093 | 29.033 | 28.955 | 28.986 | 28.959 | 29.015 | 29.012 | 28.998 | 29.060 | 29.097 | 29.118 | 29.038 | | | | | | | | | | | |
| | S D | .202 | .196 | .186 | .153 | .132 | .095 | .068 | .073 | .108 | .133 | .191 | .197 | .161 | | | | | | | | | | | |
| | TOTAL OBS | 279 | 197 | 234 | 240 | 248 | 240 | 217 | 248 | 240 | 248 | 239 | 248 | 2516 | | | | | | | | | | | |
| 06 | MEAN | 29.151 | 29.087 | 29.040 | 28.973 | 29.000 | 28.979 | 29.033 | 29.022 | 29.013 | 29.082 | 29.108 | 29.126 | 29.051 | | | | | | | | | | | |
| | S.D. | .198 | .190 | .187 | .159 | .131 | .098 | .064 | .075 | .108 | .136 | .186 | .211 | .164 | | | | | | | | | | | |
| | TOTAL OBS | 310 | 282 | 310 | 300 | 310 | 299 | 279 | 279 | 270 | 279 | 278 | 309 | 3505 | | | | | | | | | | | |
| 09 | MEAN | 29.204 | 29.141 | 29.084 | 29.010 | 29.040 | 29.007 | 29.063 | 29.058 | 29.046 | 29.115 | 29.152 | 29.170 | 29.092 | | | | | | | | | | | |
| | S D | .200 | .192 | .190 | .158 | .135 | .097 | .069 | .074 | .110 | .140 | .183 | .202 | .167 | | | | | | | | | | | |
| | TOTAL OBS | 240 | 225 | 248 | 240 | 240 | 240 | 217 | 248 | 240 | 240 | 240 | 279 | 2929 | | | | | | | | | | | |
| 12 | MEAN | 29.105 | 29.127 | 29.071 | 28.997 | 29.022 | 28.995 | 29.045 | 29.036 | 29.033 | 29.101 | 29.131 | 29.152 | 29.079 | | | | | | | | | | | |
| | S D | .202 | .189 | .188 | .161 | .132 | .096 | .066 | .079 | .112 | .138 | .190 | .213 | .167 | | | | | | | | | | | |
| | TOTAL OBS | 309 | 282 | 310 | 360 | 310 | 300 | 279 | 279 | 270 | 279 | 277 | 310 | 3505 | | | | | | | | | | | |
| 15 | MEAN | 29.122 | 29.066 | 29.002 | 28.939 | 28.973 | 28.946 | 28.994 | 28.982 | 28.972 | 29.030 | 29.069 | 29.093 | 29.017 | | | | | | | | | | | |
| | S D | .200 | .185 | .186 | .154 | .132 | .095 | .069 | .074 | .108 | .135 | .186 | .202 | .163 | | | | | | | | | | | |
| | TOTAL OBS | 248 | 225 | 248 | 240 | 248 | 260 | 217 | 248 | 240 | 240 | 248 | 279 | 2929 | | | | | | | | | | | |
| 18 | MEAN | 29.162 | 29.059 | 28.987 | 28.917 | 28.942 | 28.918 | 28.959 | 28.940 | 28.960 | 29.033 | 29.074 | 29.098 | 29.001 | | | | | | | | | | | |
| | S D | .200 | .185 | .183 | .157 | .130 | .096 | .068 | .080 | .102 | .135 | .183 | .207 | .167 | | | | | | | | | | | |
| | TOTAL OBS | 310 | 282 | 310 | 300 | 310 | 300 | 279 | 279 | 270 | 279 | 278 | 310 | 3507 | | | | | | | | | | | |
| 21 | MEAN | 29.156 | 29.101 | 29.027 | 28.959 | 28.978 | 28.947 | 28.992 | 28.993 | 28.999 | 29.061 | 29.107 | 29.132 | 29.039 | | | | | | | | | | | |
| | S D. | .194 | .185 | .183 | .151 | .131 | .095 | .072 | .076 | .103 | .133 | .176 | .200 | .169 | | | | | | | | | | | |
| | TOTAL OBS | 24 | 225 | 268 | 240 | 248 | 240 | 217 | 248 | 240 | 248 | 248 | 279 | 2929 | | | | | | | | | | | |
| A HOURS | MEAN | 29.150 | 29.096 | 29.036 | 28.961 | 28.993 | 28.966 | 29.015 | 29.007 | 29.003 | 29.070 | 29.109 | 29.127 | 29.045 | | | | | | | | | | | |
| | S.D. | .202 | .190 | .187 | .159 | .134 | .100 | .074 | .083 | .110 | .138 | .185 | .207 | .167 | | | | | | | | | | | |
| | TOTAL OBS | 2149 | 1972 | 2200 | 2160 | 2232 | 2156 | 1984 | 2108 | 2040 | 2108 | 2085 | 2290 | 25410 | | | | | | | | | | | |

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN HDS FROM HOURLY OBSERVATIONS

03993 FORT HOOD TEXAS/FORT HOOD AAF 01-70

| STATION | | STATION NAME | | | | | | | | | | | | YEARS | |
|------------|-----------|--------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|
| HRS (LST.) | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL | |
| 00 | MEAN | 1020.9 | 1018.9 | 1017.0 | 1013.3 | 1014.7 | 1013.4 | 1014.9 | 1014.6 | 1014.7 | 1017.4 | 1018.8 | 1019.9 | 1016.5 | |
| | S D | 7.376 | 6.848 | 6.630 | 5.721 | 4.113 | 3.369 | 2.312 | 2.738 | 3.528 | 4.803 | 6.631 | 7.540 | 5.968 | |
| | TOTAL OBS | 279 | 254 | 279 | 270 | 295 | 300 | 279 | 279 | 270 | 279 | 269 | 277 | 3333 | |
| 03 | MEAN | 1020.9 | 1018.3 | 1016.4 | 1013.1 | 1014.0 | 1013.0 | 1014.7 | 1014.4 | 1014.3 | 1017.0 | 1018.5 | 1019.5 | 1016.1 | |
| | S D | 7.374 | 6.957 | 6.661 | 5.825 | 4.622 | 3.357 | 2.256 | 2.719 | 3.550 | 4.862 | 6.674 | 7.341 | 6.110 | |
| | TOTAL OBS | 279 | 254 | 279 | 270 | 296 | 300 | 279 | 279 | 270 | 272 | 269 | 279 | 3333 | |
| 06 | MEAN | 1020.6 | 1018.6 | 1016.9 | 1013.8 | 1014.7 | 1013.7 | 1015.4 | 1015.0 | 1014.9 | 1017.7 | 1018.9 | 1019.6 | 1016.6 | |
| | S D | 7.338 | 7.008 | 6.716 | 5.836 | 4.089 | 3.439 | 2.281 | 2.691 | 3.840 | 4.976 | 6.710 | 7.659 | 5.983 | |
| | TOTAL OBS | 279 | 254 | 279 | 270 | 296 | 300 | 279 | 279 | 270 | 279 | 269 | 279 | 3333 | |
| 09 | MEAN | 1022.1 | 1020.3 | 1018.4 | 1015.1 | 1015.9 | 1014.7 | 1016.4 | 1016.1 | 1016.1 | 1019.1 | 1020.5 | 1021.1 | 1017.9 | |
| | S D | 7.437 | 7.048 | 6.819 | 5.964 | 4.745 | 3.463 | 2.375 | 2.791 | 4.030 | 5.075 | 6.733 | 7.712 | 6.119 | |
| | TOTAL OBS | 279 | 254 | 279 | 270 | 296 | 300 | 279 | 279 | 270 | 279 | 269 | 279 | 3333 | |
| 12 | MEAN | 1021.8 | 1020.1 | 1018.0 | 1014.7 | 1015.4 | 1014.2 | 1015.8 | 1015.5 | 1015.6 | 1018.3 | 1019.7 | 1020.5 | 1017.4 | |
| | S D | 7.515 | 6.939 | 6.676 | 5.887 | 4.710 | 3.415 | 2.370 | 2.838 | 3.970 | 5.000 | 6.855 | 7.805 | 6.117 | |
| | TOTAL OBS | 279 | 254 | 279 | 270 | 296 | 300 | 279 | 279 | 270 | 279 | 268 | 279 | 3332 | |
| 15 | MEAN | 1019.1 | 1017.5 | 1015.5 | 1012.7 | 1013.7 | 1012.6 | 1014.0 | 1013.4 | 1013.5 | 1016.0 | 1017.5 | 1018.2 | 1015.3 | |
| | S D | 7.618 | 6.869 | 6.510 | 5.745 | 4.606 | 3.354 | 2.345 | 2.788 | 3.705 | 4.903 | 6.804 | 7.629 | 5.933 | |
| | TOTAL OBS | 279 | 254 | 279 | 270 | 296 | 300 | 279 | 279 | 270 | 279 | 269 | 279 | 3333 | |
| 18 | MEAN | 1019.4 | 1017.5 | 1015.1 | 1012.0 | 1012.7 | 1011.5 | 1012.8 | 1012.4 | 1013.1 | 1016.0 | 1017.7 | 1018.6 | 1014.9 | |
| | S D | 7.473 | 6.806 | 6.465 | 5.691 | 4.602 | 3.379 | 2.403 | 2.831 | 3.561 | 4.918 | 6.617 | 7.576 | 6.090 | |
| | TOTAL OBS | 279 | 254 | 279 | 270 | 296 | 300 | 279 | 279 | 270 | 279 | 269 | 279 | 3333 | |
| 21 | MEAN | 1020.5 | 1018.8 | 1016.5 | 1013.4 | 1013.8 | 1012.6 | 1013.9 | 1013.8 | 1014.4 | 1017.2 | 1018.9 | 1019.7 | 1016.1 | |
| | S D | 7.397 | 6.834 | 6.530 | 5.634 | 4.550 | 3.362 | 2.416 | 2.870 | 3.826 | 4.843 | 6.575 | 7.610 | 6.060 | |
| | TOTAL OBS | 279 | 254 | 279 | 270 | 296 | 300 | 279 | 279 | 270 | 279 | 269 | 279 | 3333 | |
| ALL HOURS | MEAN | 1020.6 | 1018.7 | 1016.7 | 1013.6 | 1014.4 | 1013.2 | 1014.7 | 1014.4 | 1014.6 | 1017.3 | 1018.8 | 1019.6 | 1016.4 | |
| | S D | 7.493 | 6.968 | 6.701 | 5.859 | 4.736 | 3.516 | 2.587 | 2.994 | 3.841 | 5.014 | 6.751 | 7.673 | 6.111 | |
| | TOTAL OBS | 2232 | 2022 | 2232 | 2160 | 2367 | 2400 | 2232 | 2232 | 2160 | 2232 | 2151 | 2230 | 26660 | |